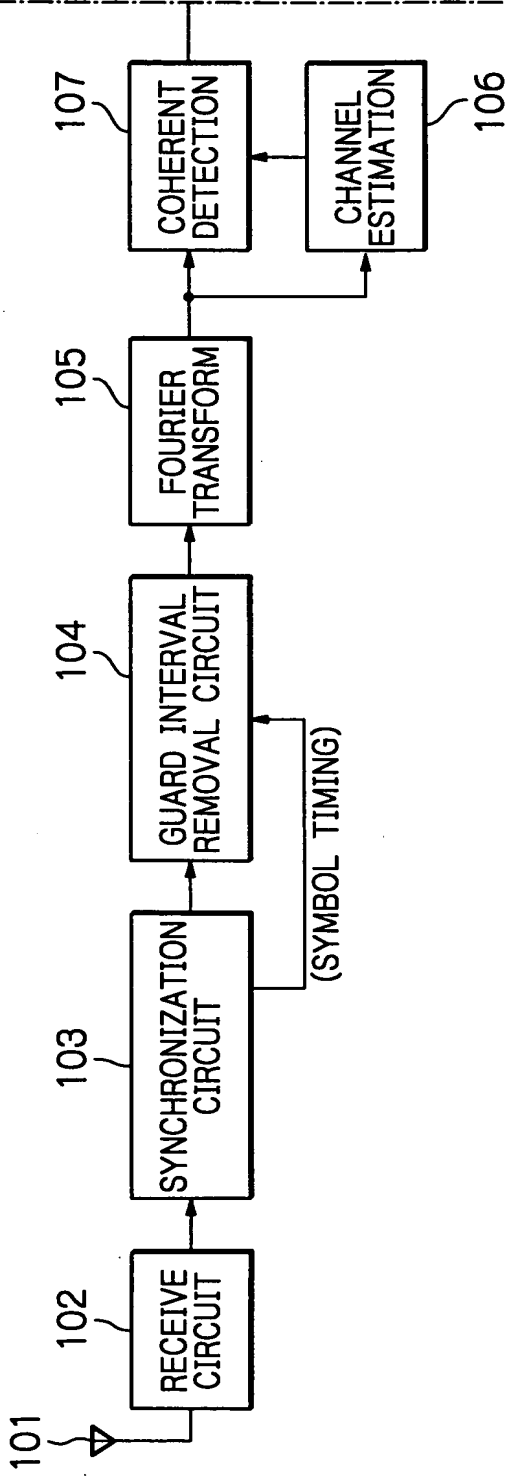


FIG. 1A

Fig. 1A



2/48

Fig. 1B

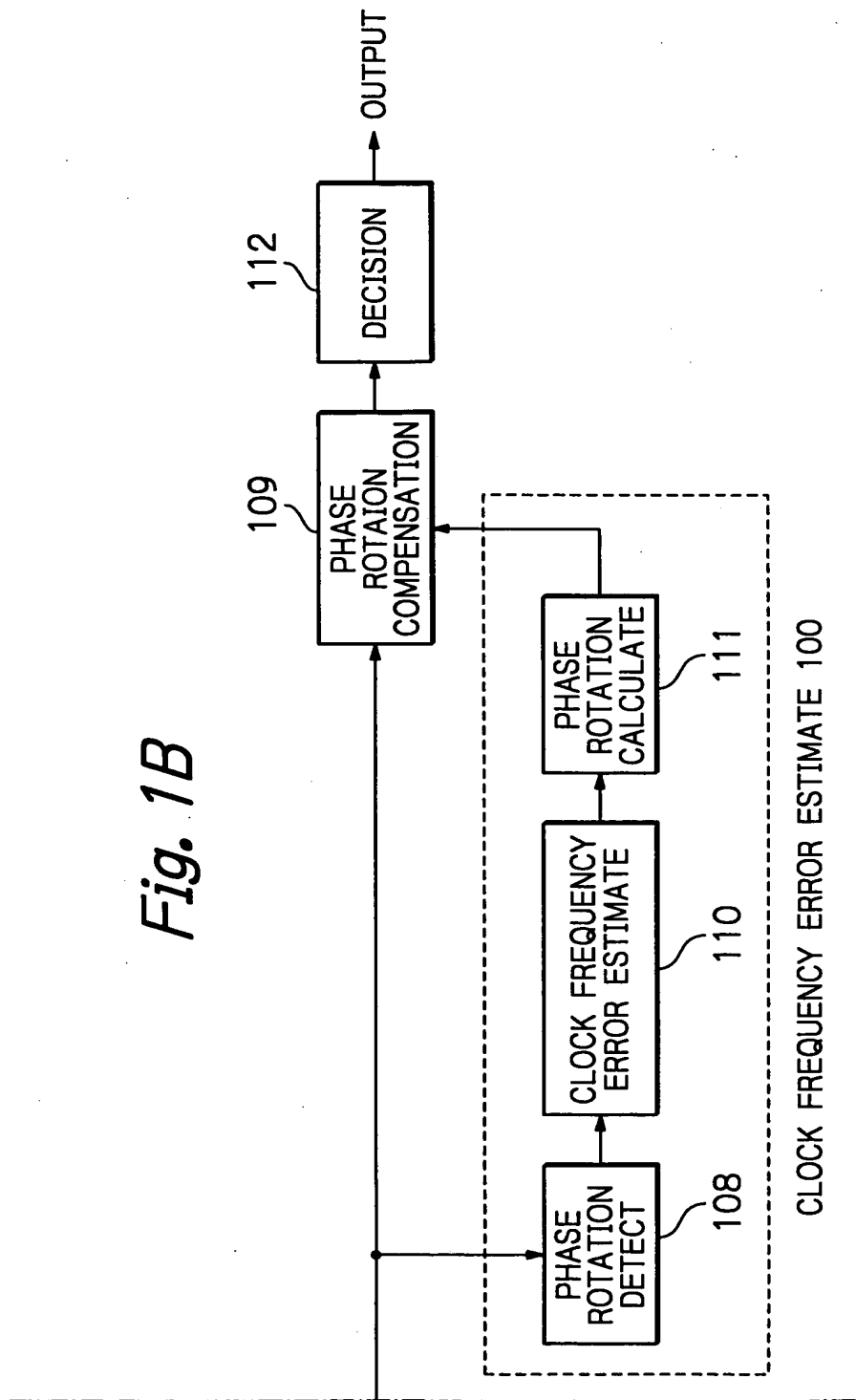


Fig. 2

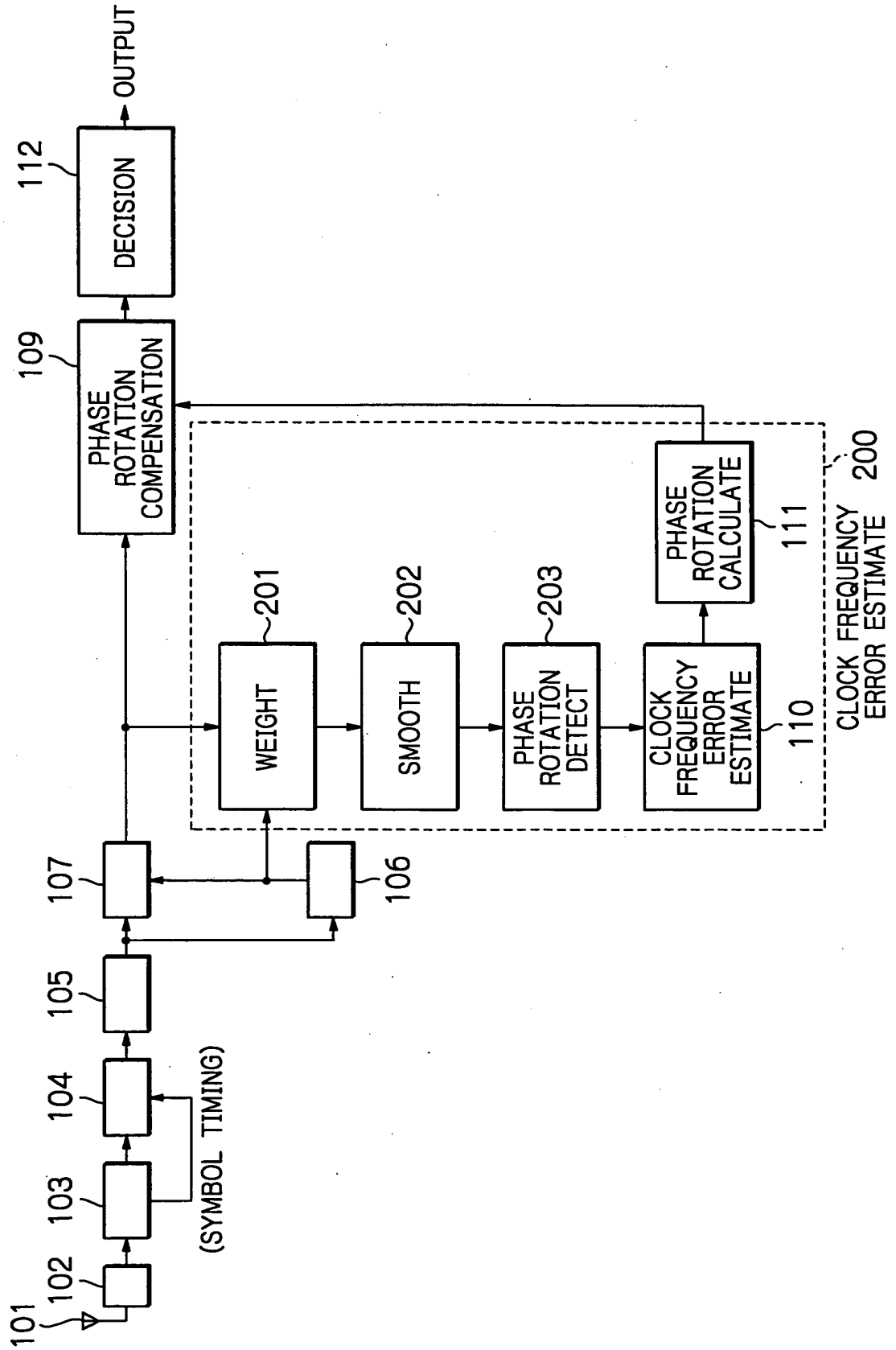


FIG. 2

Fig. 3

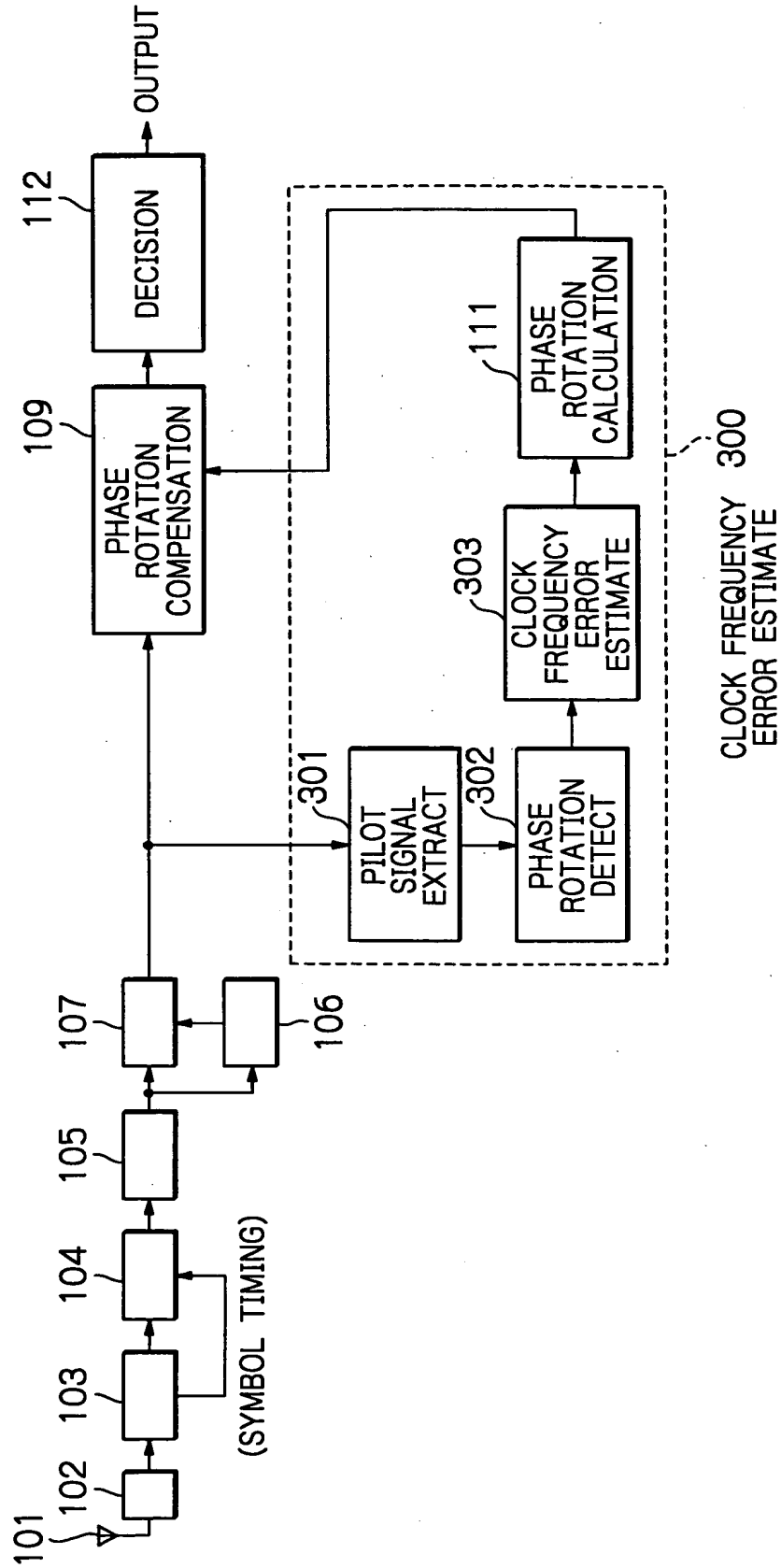


Fig. 4

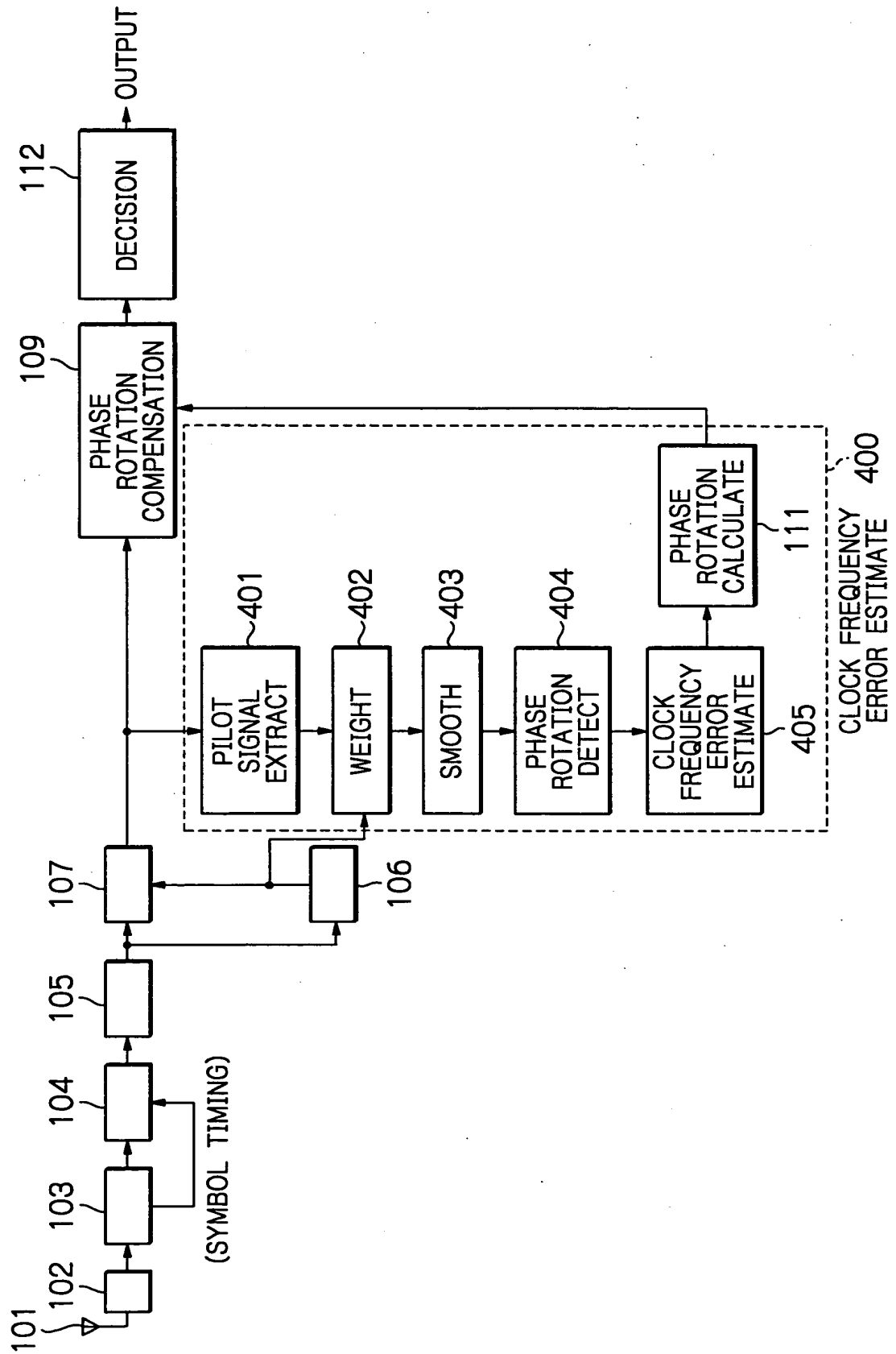
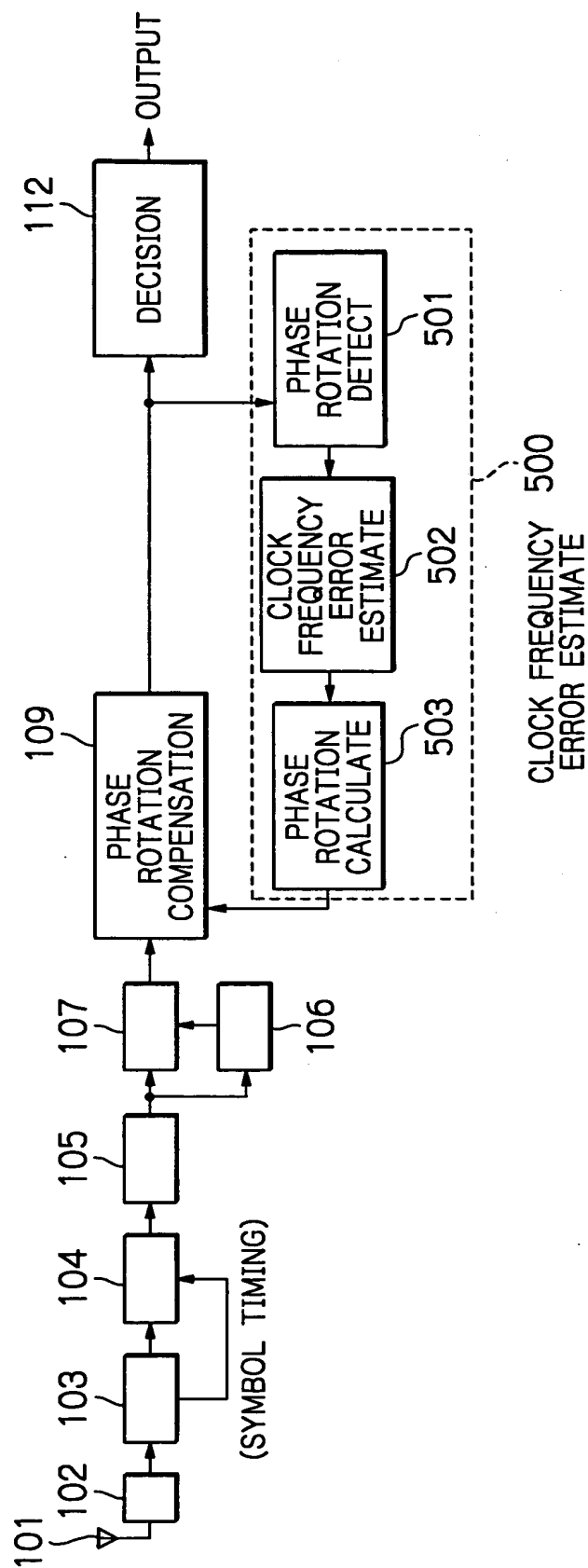


Fig. 5



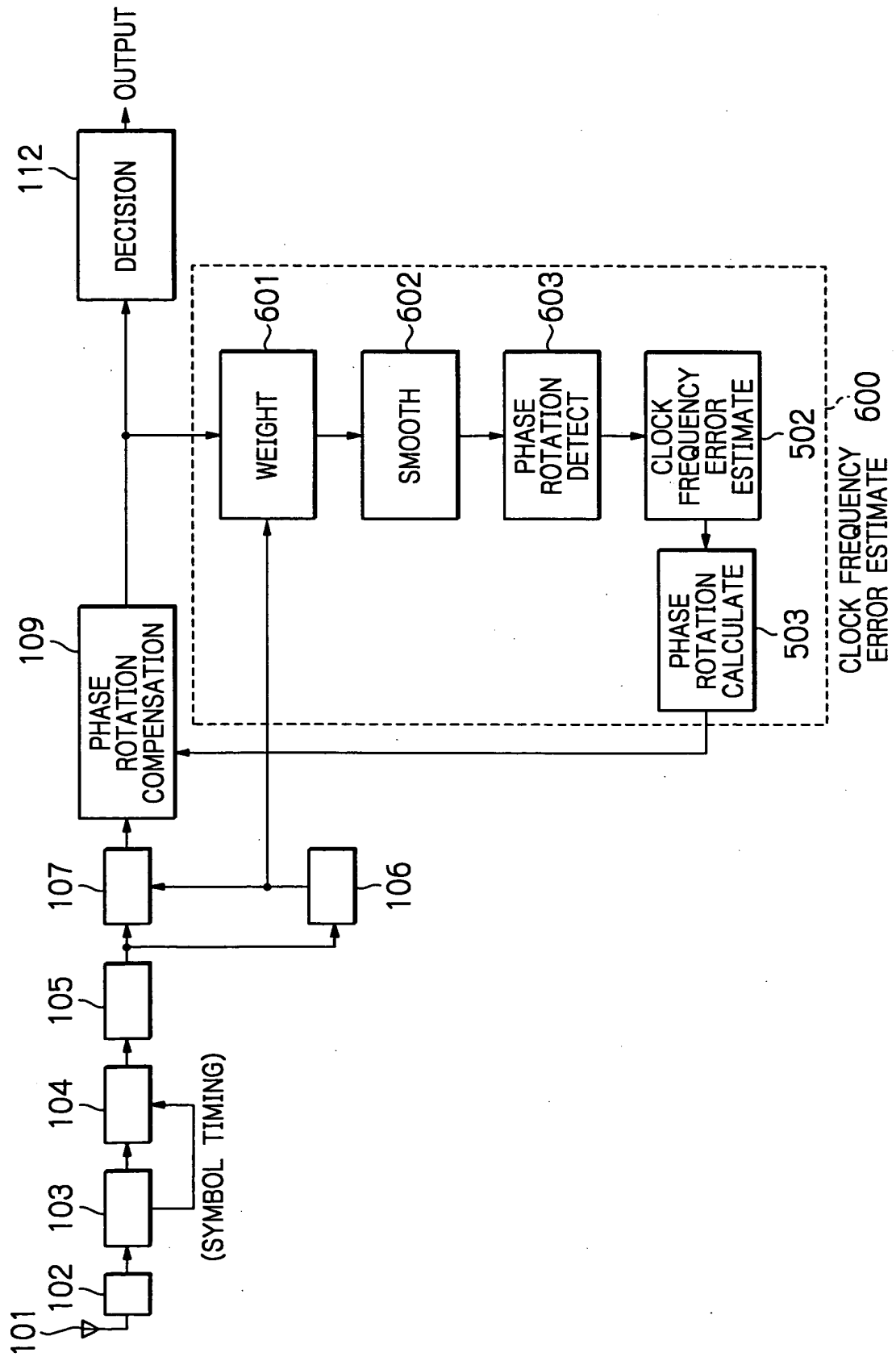


Fig. 7

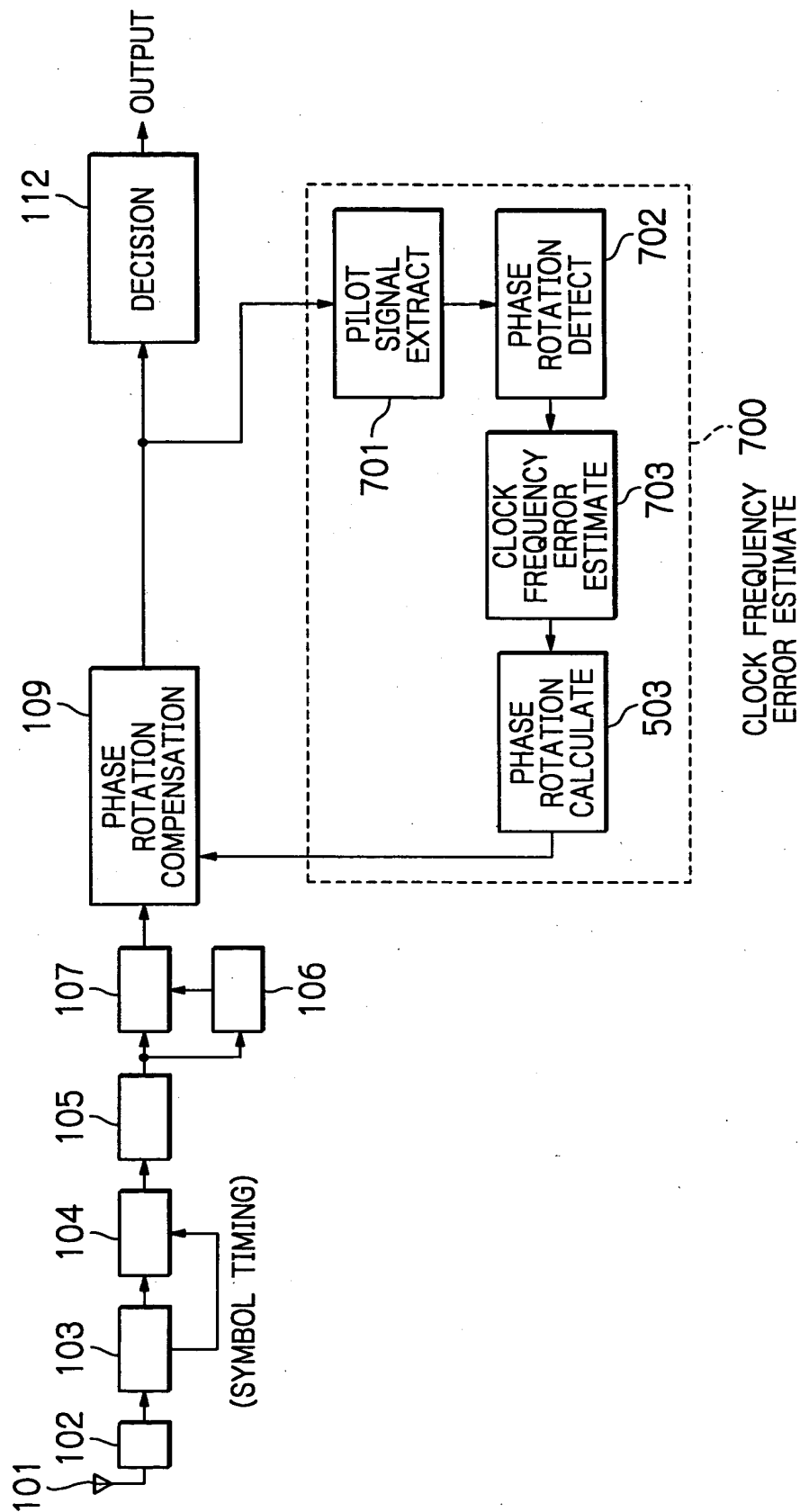
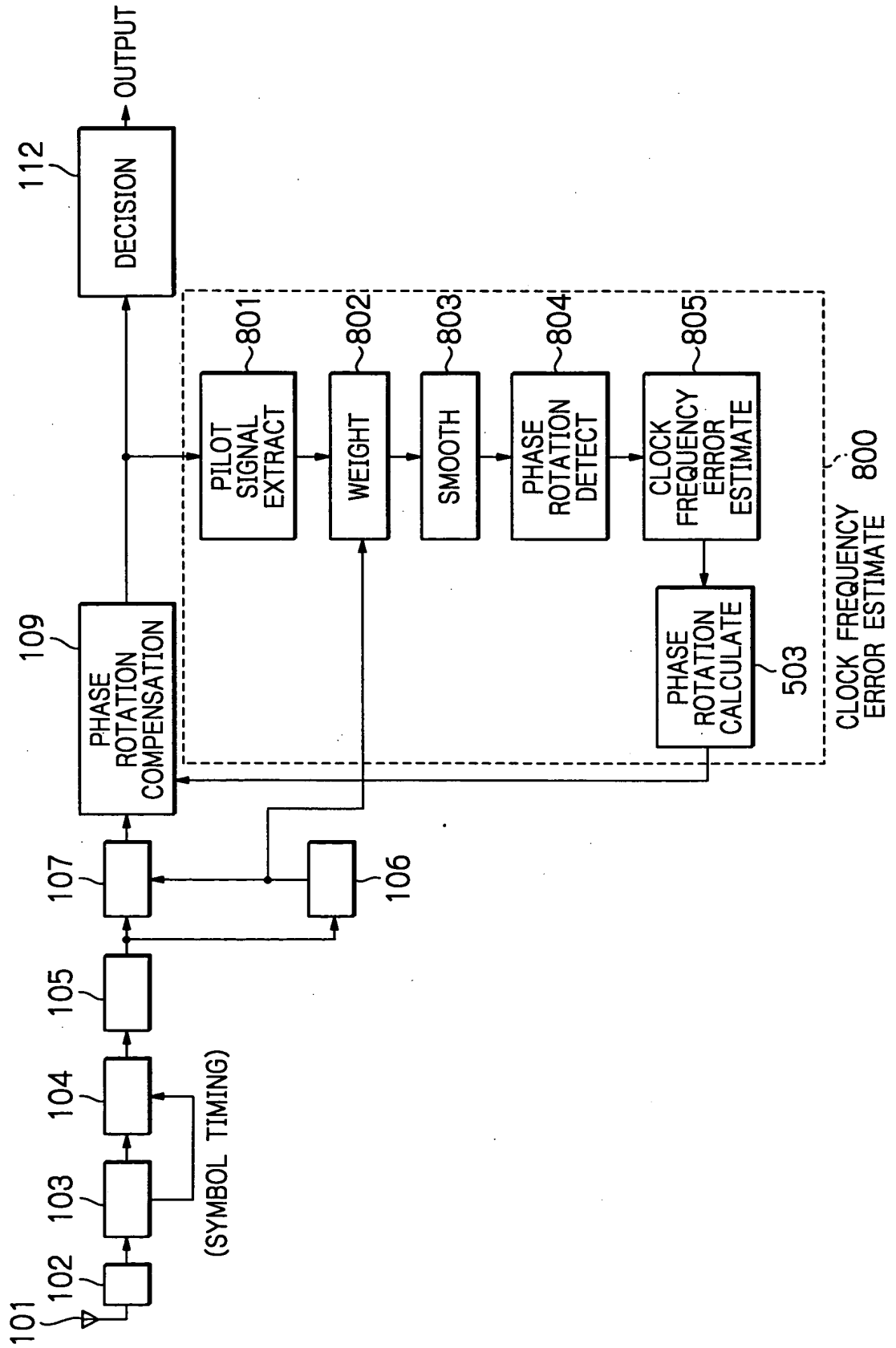


Fig. 8



10/48

Fig. 9

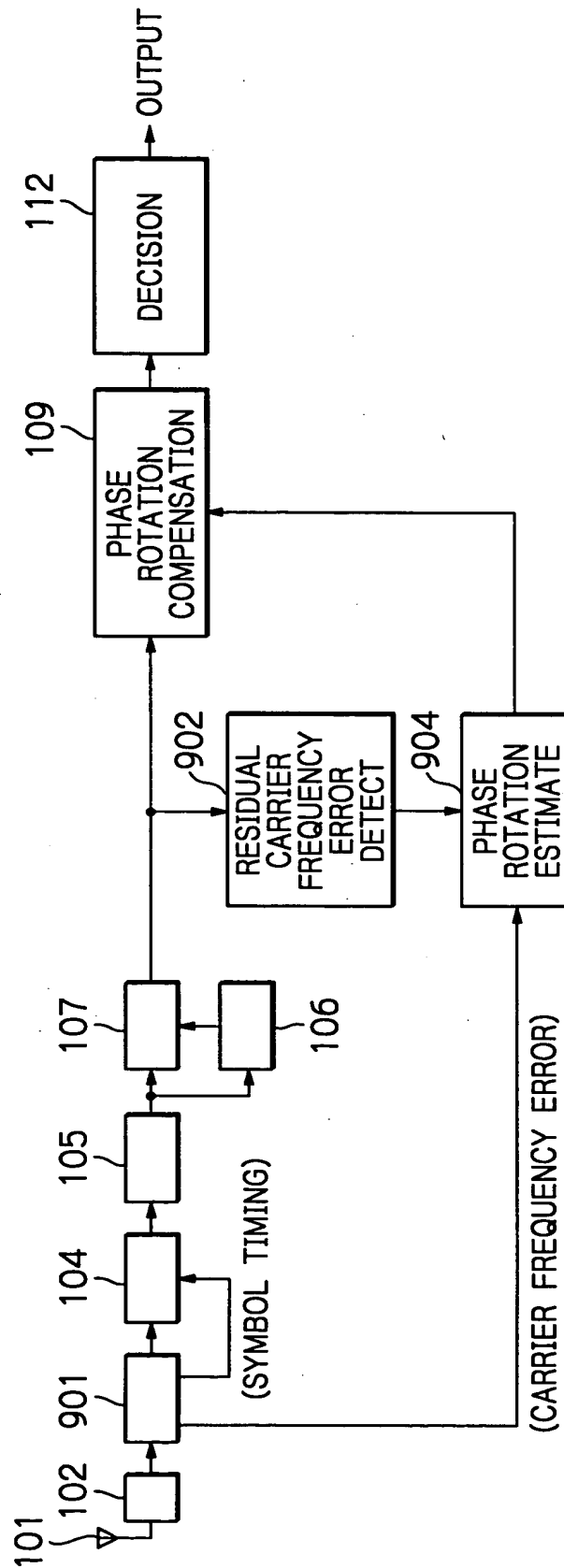


Fig. 10

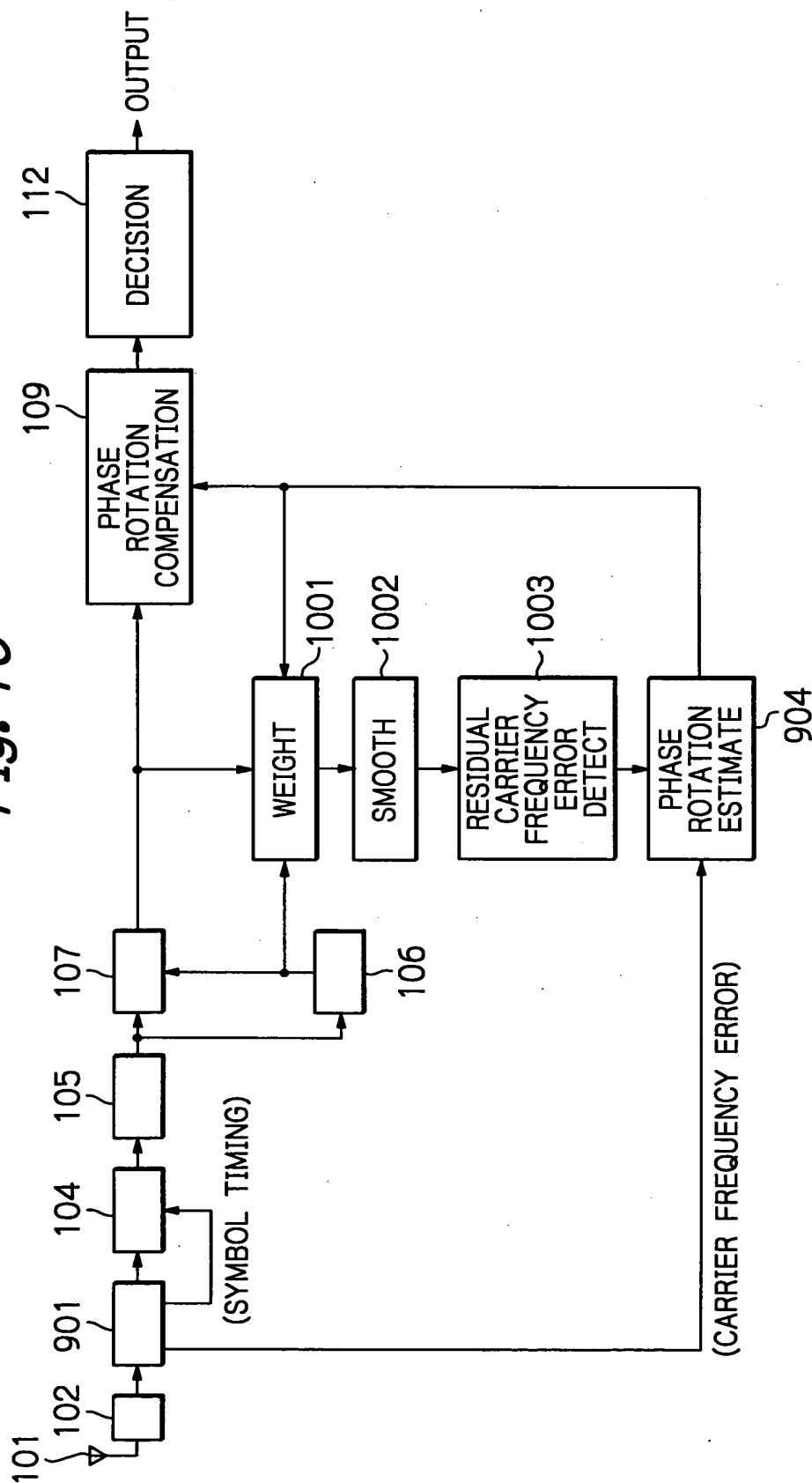


Fig. 11

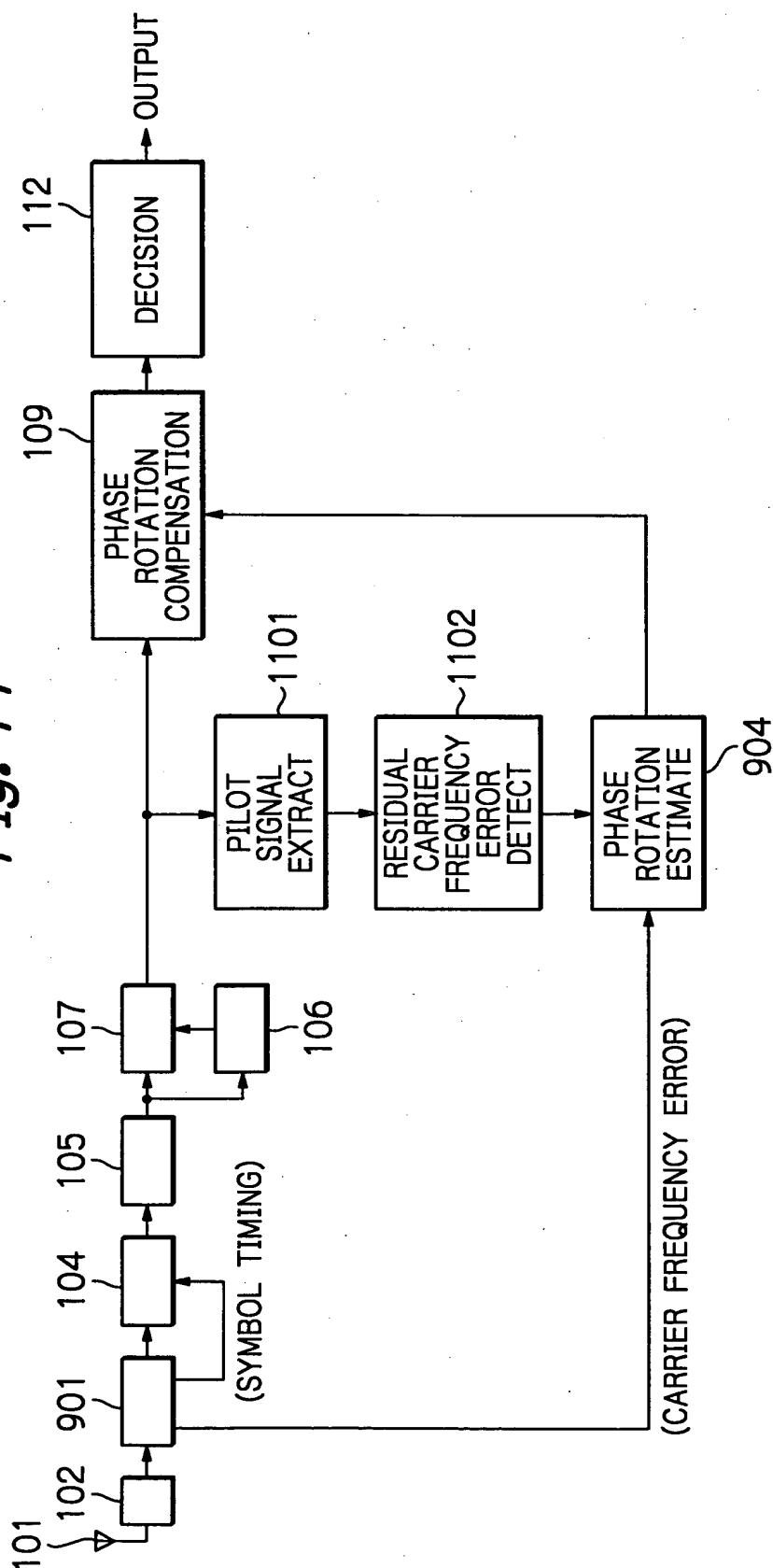
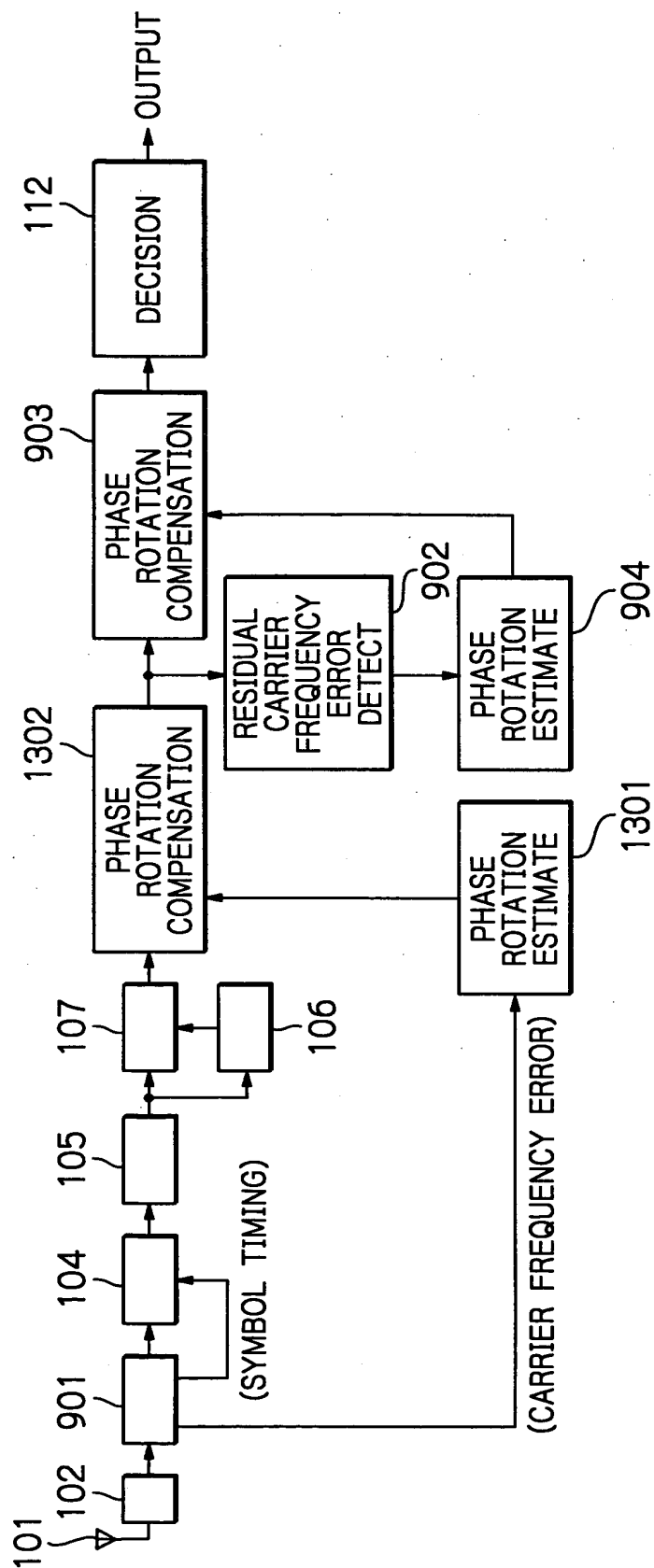


Fig. 13



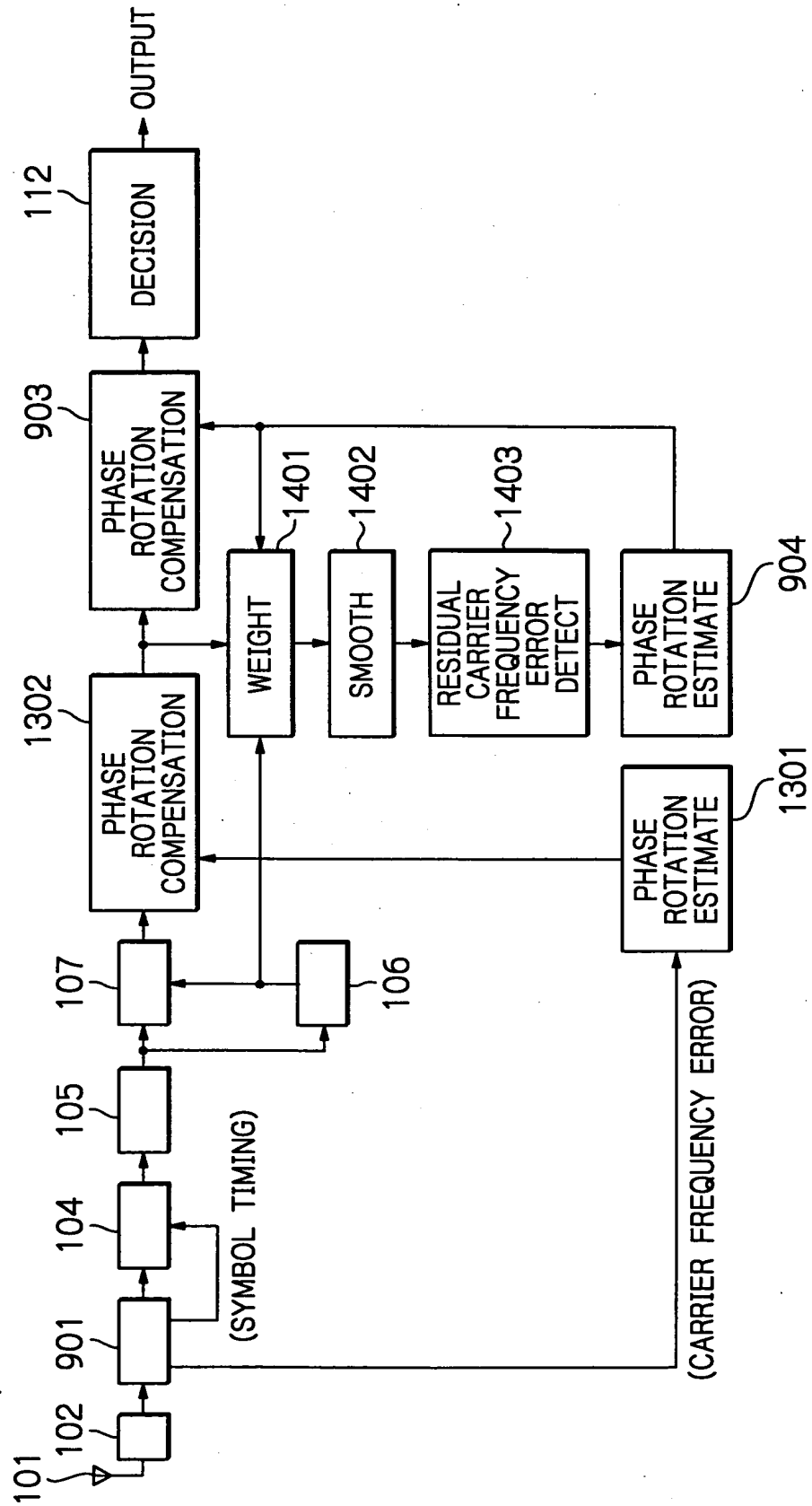


Fig. 15

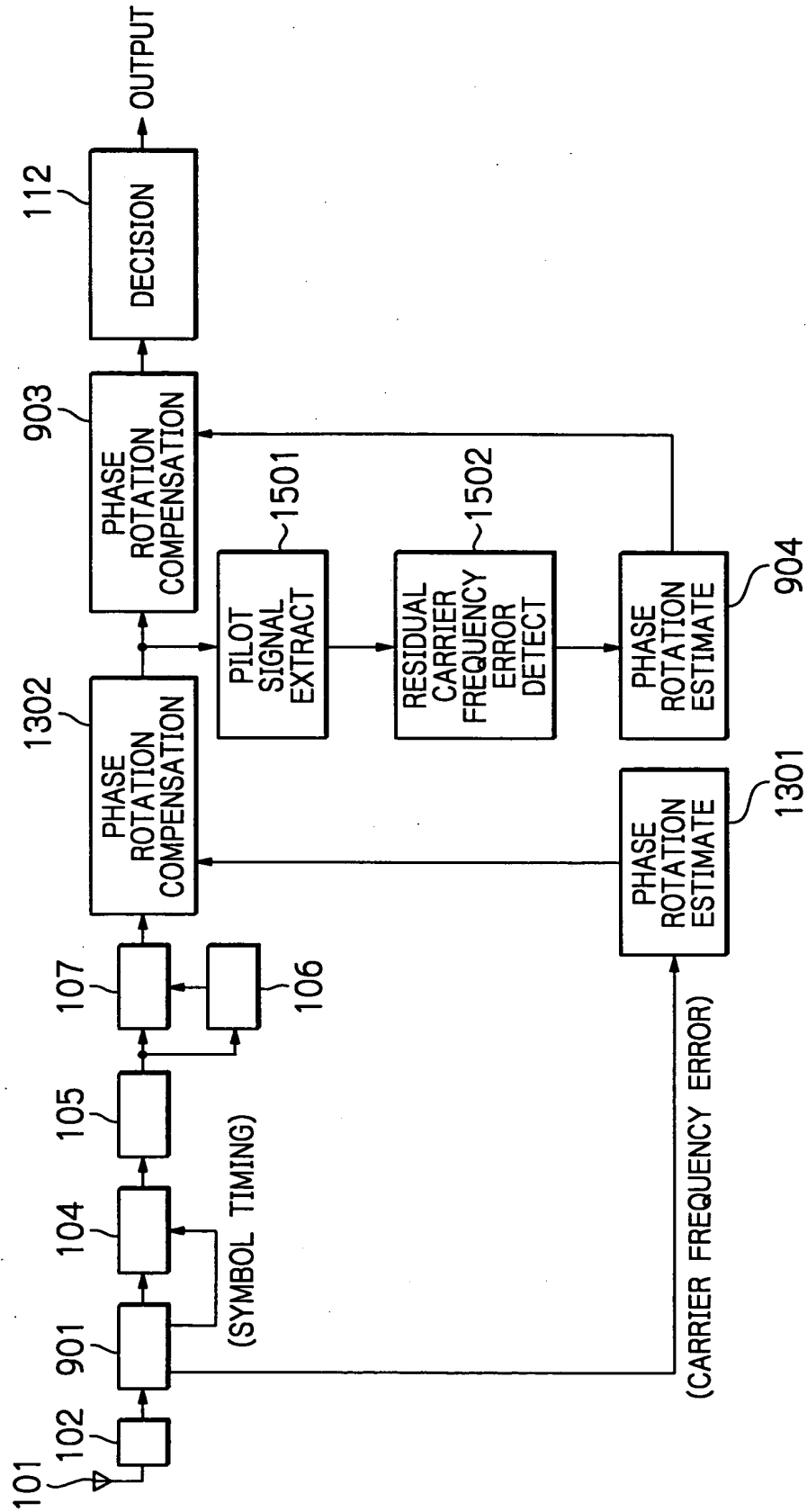


Fig. 16

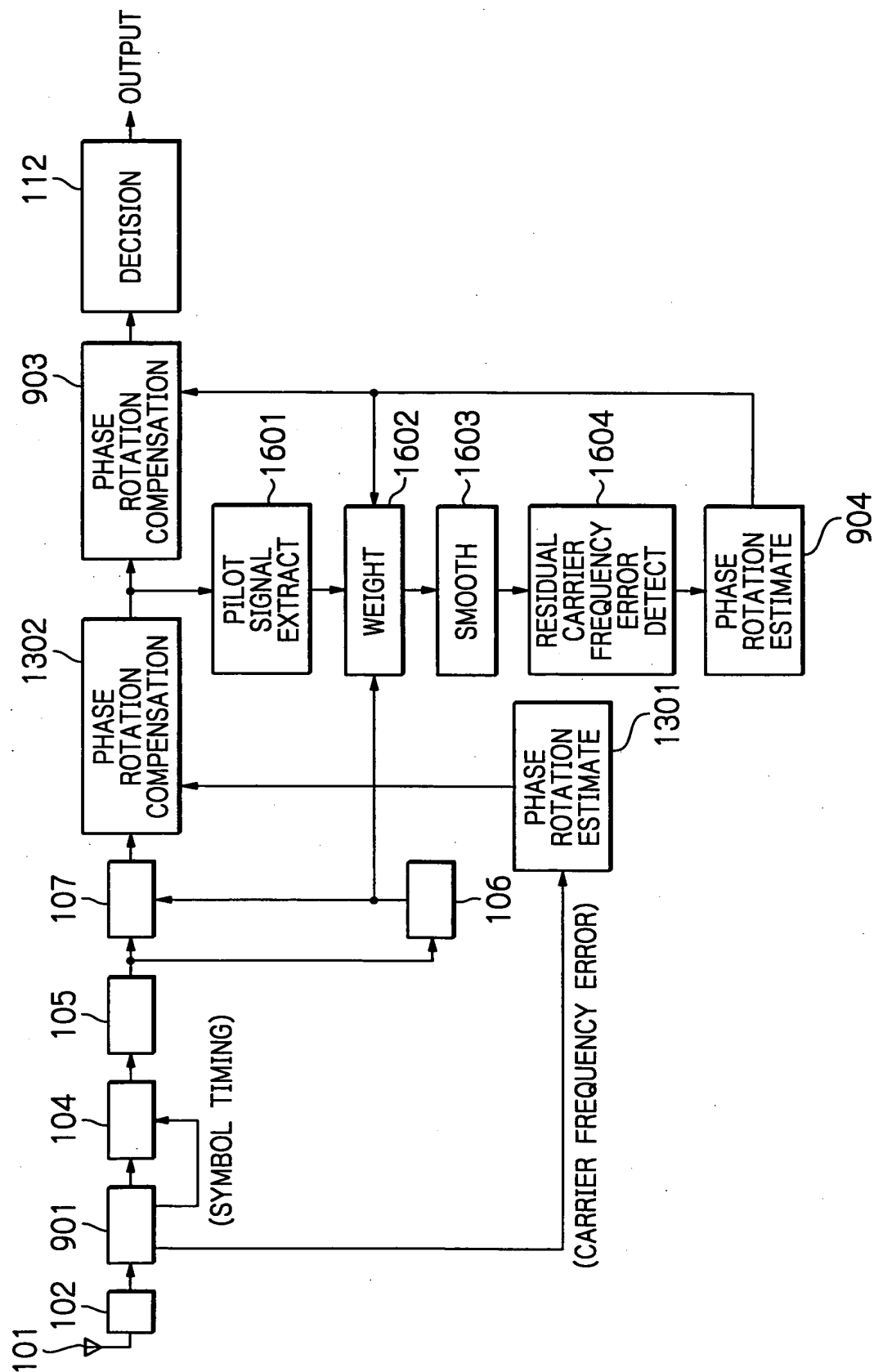


Fig. 17

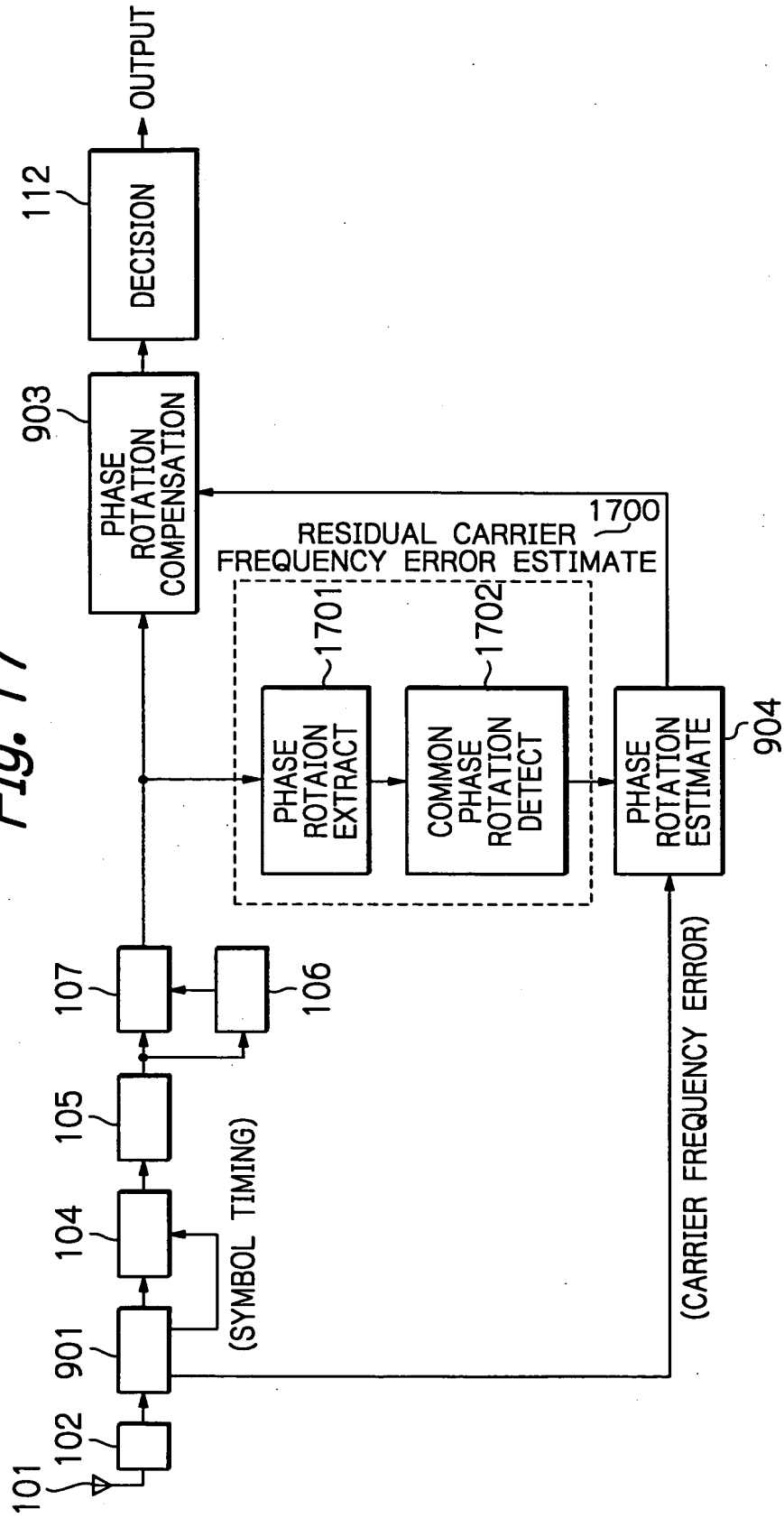


Fig. 18

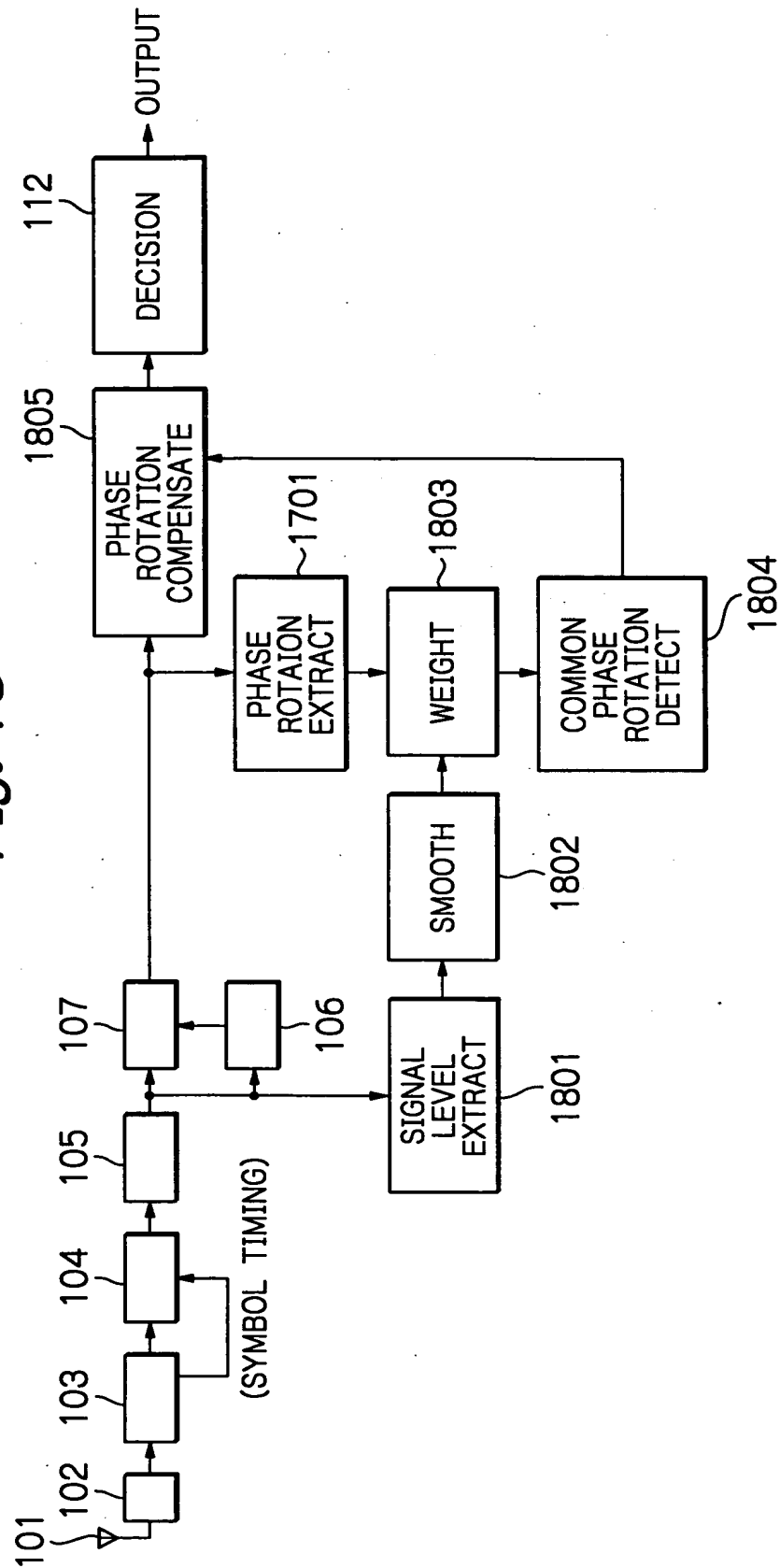
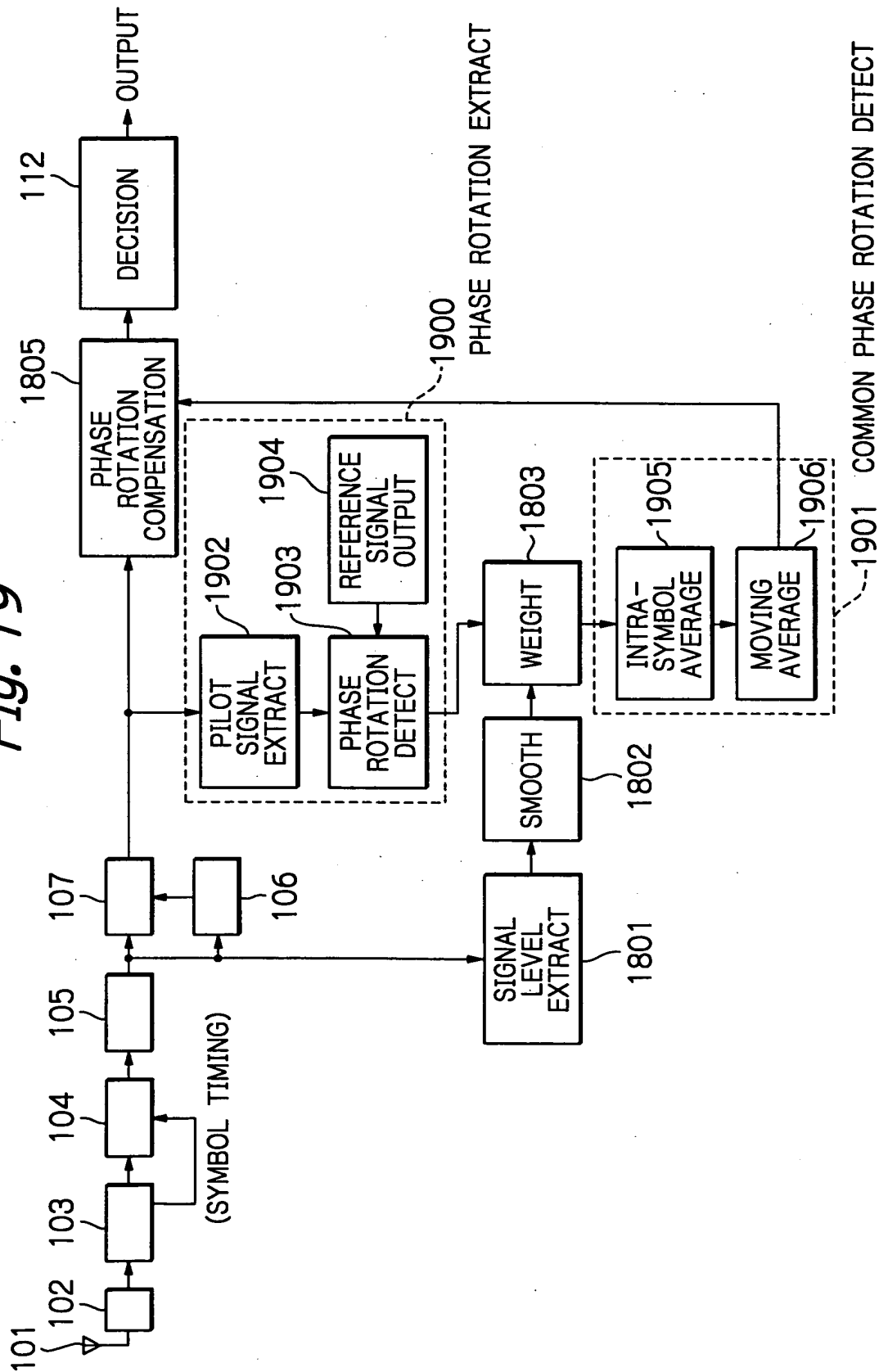


Fig. 19



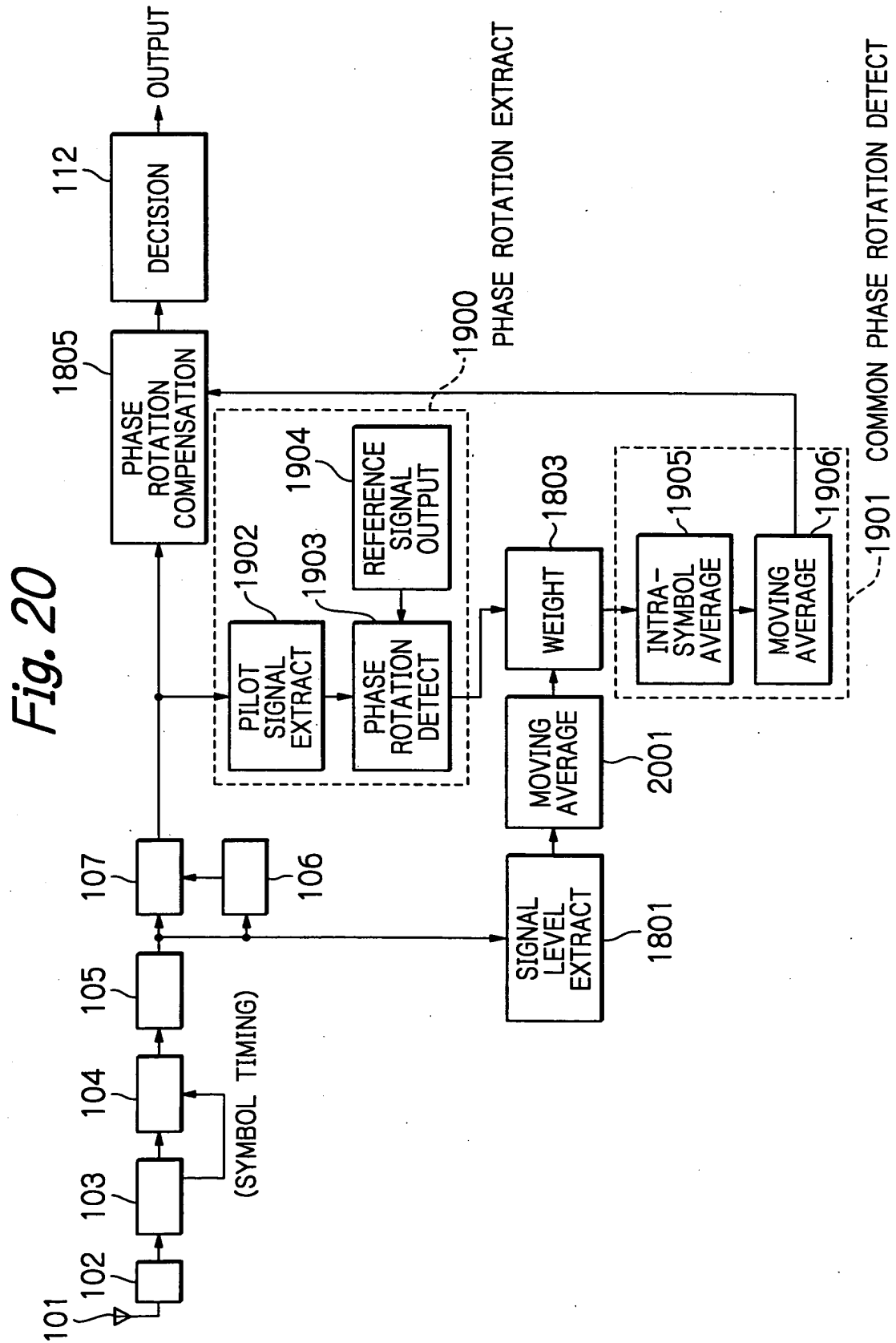


Fig. 21

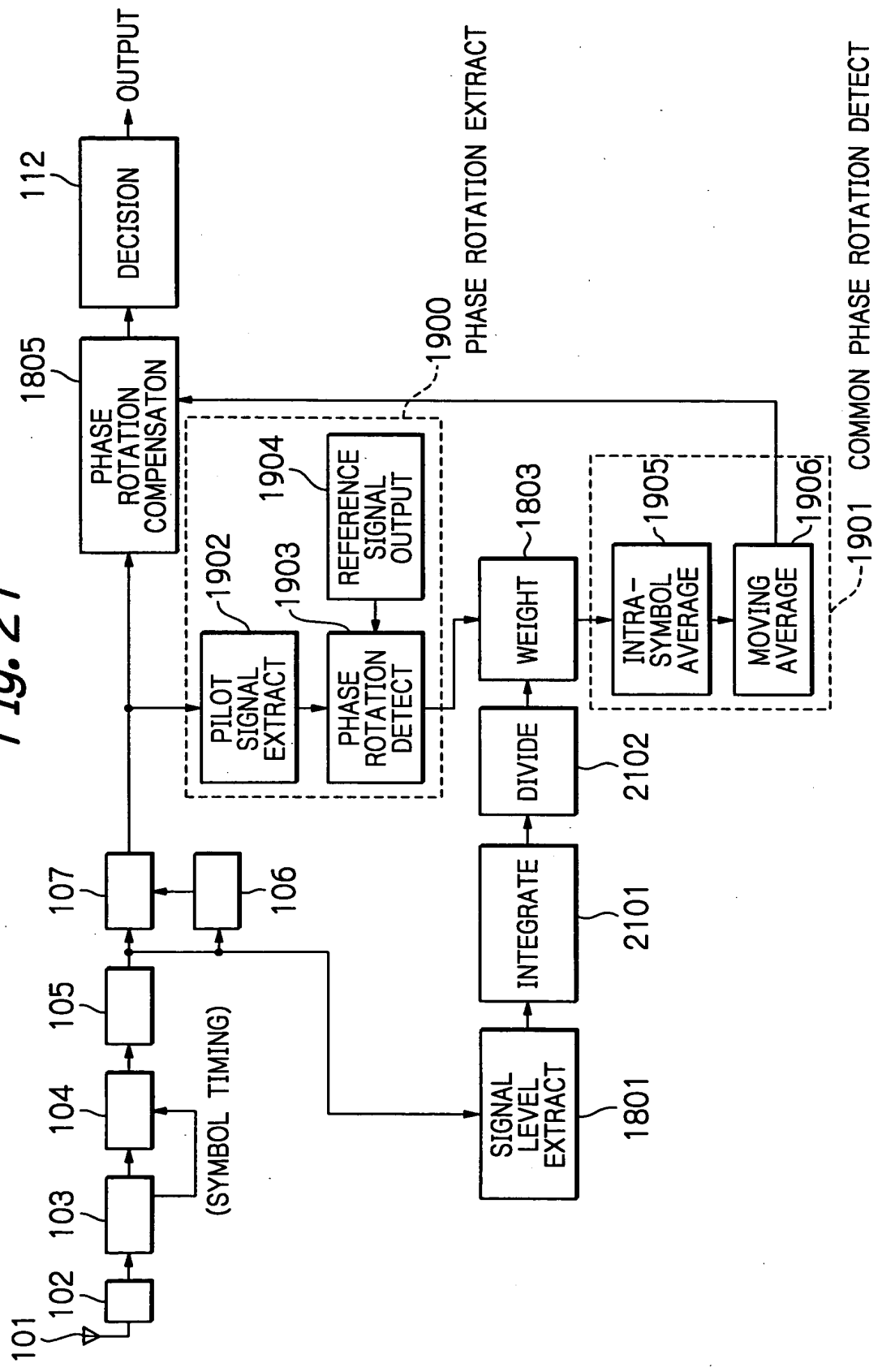
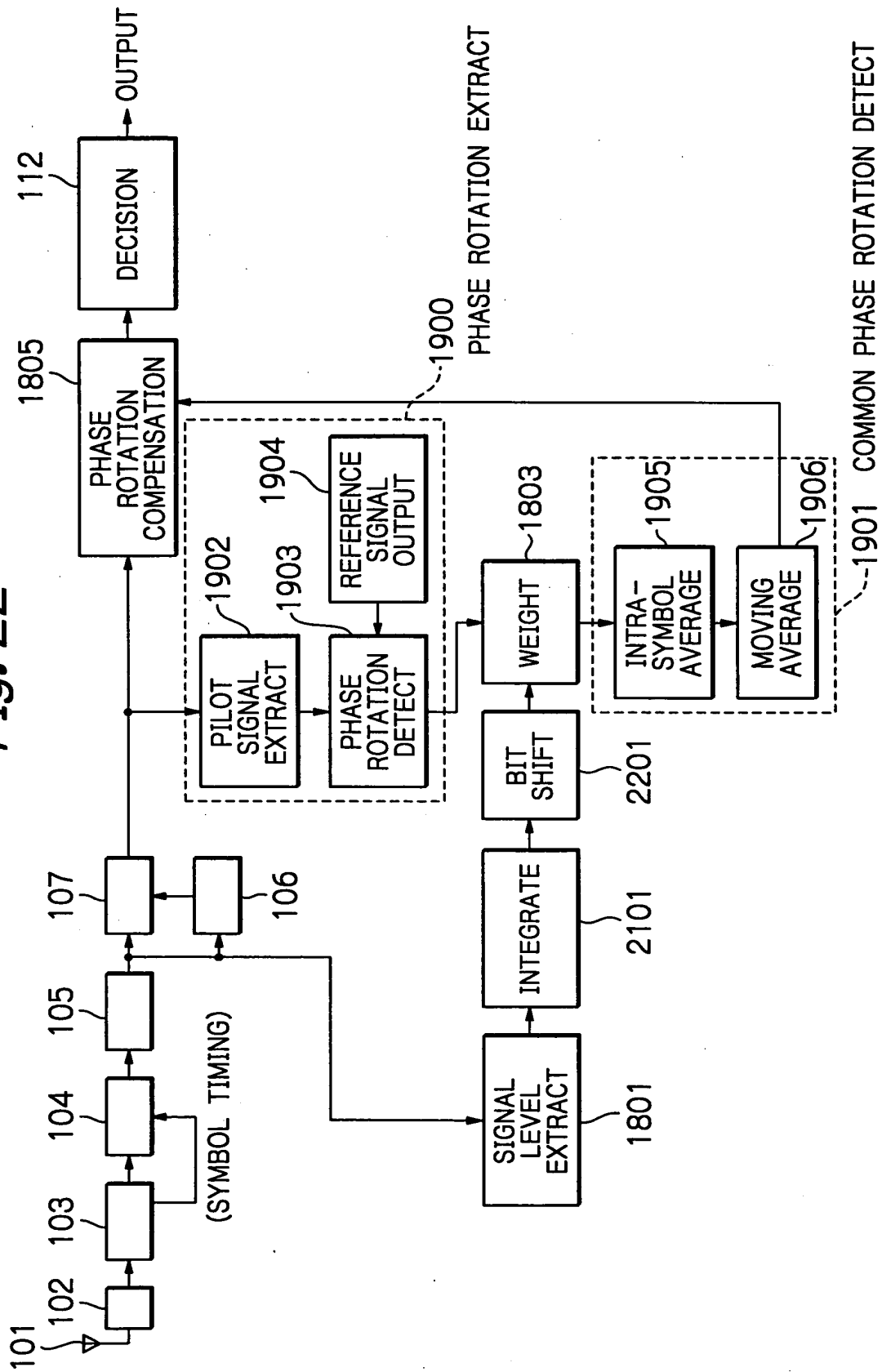
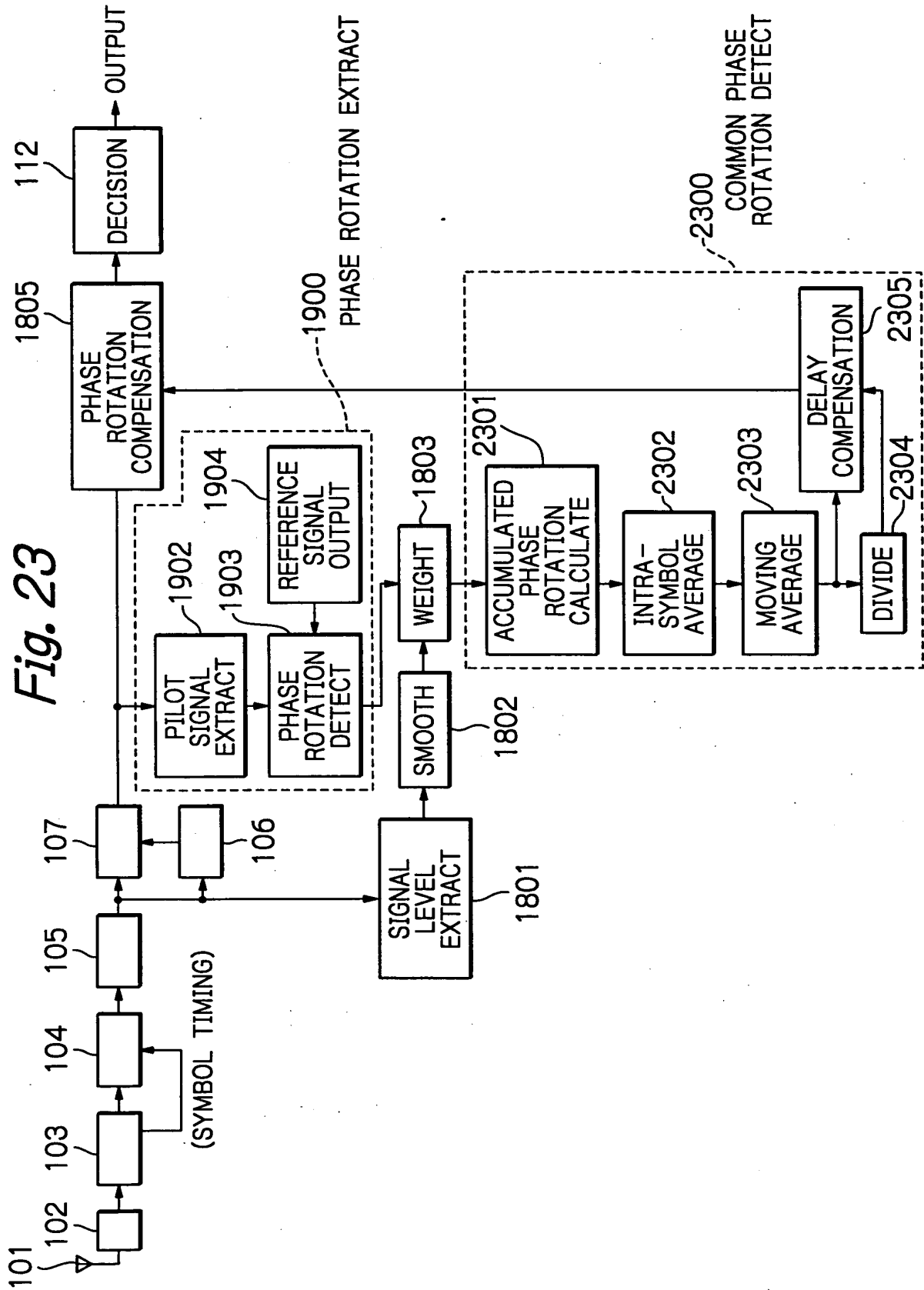
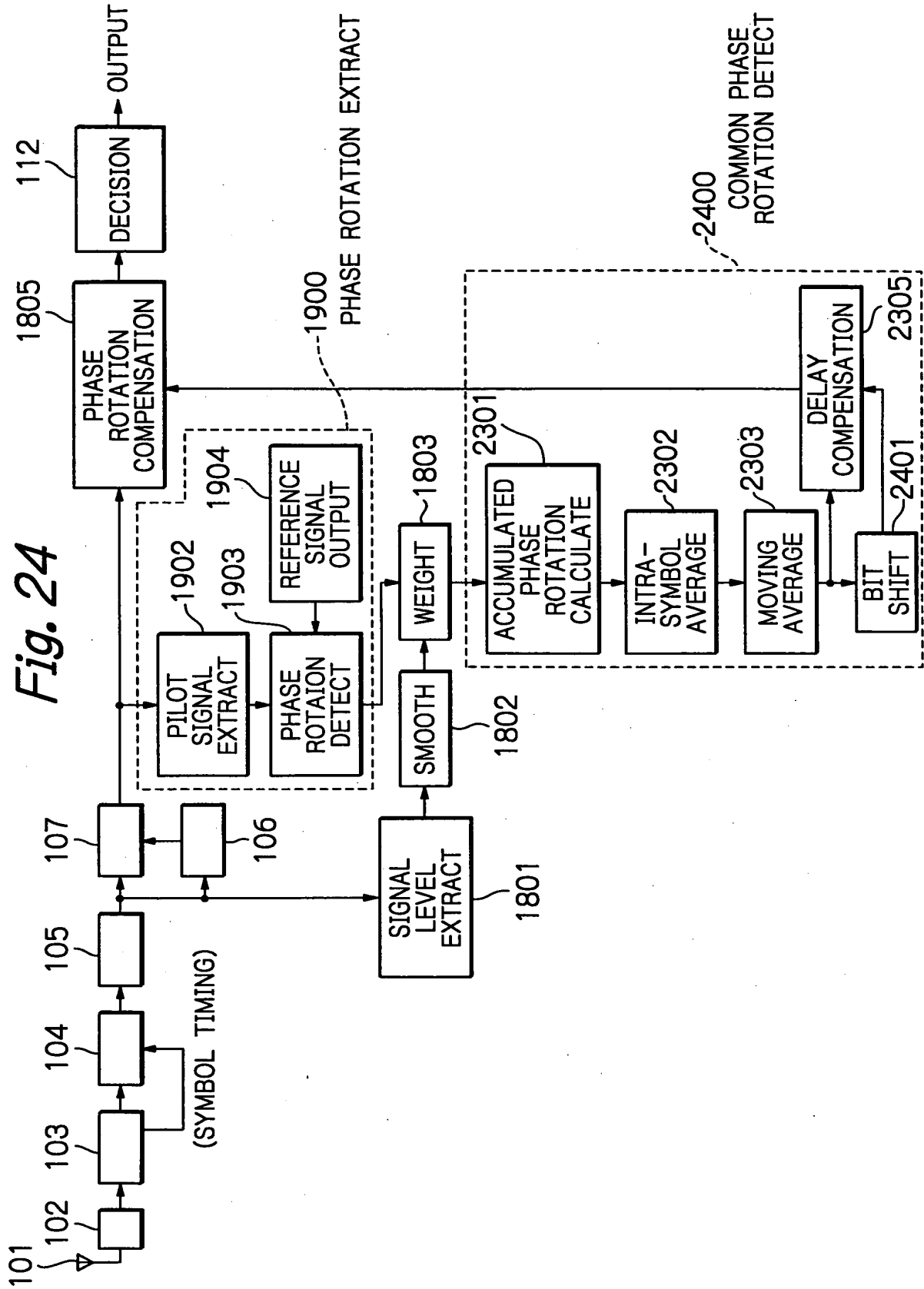
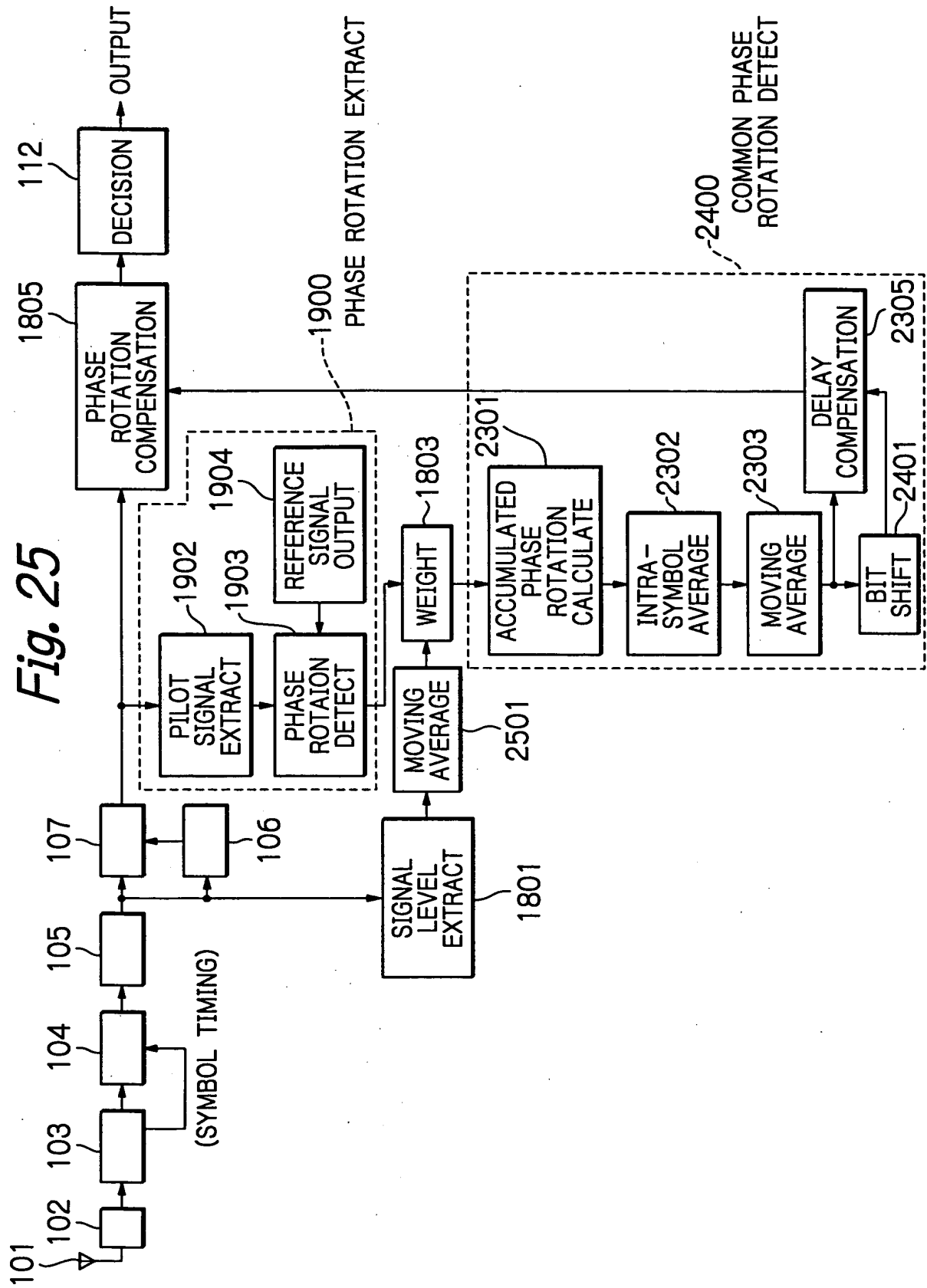


Fig. 22

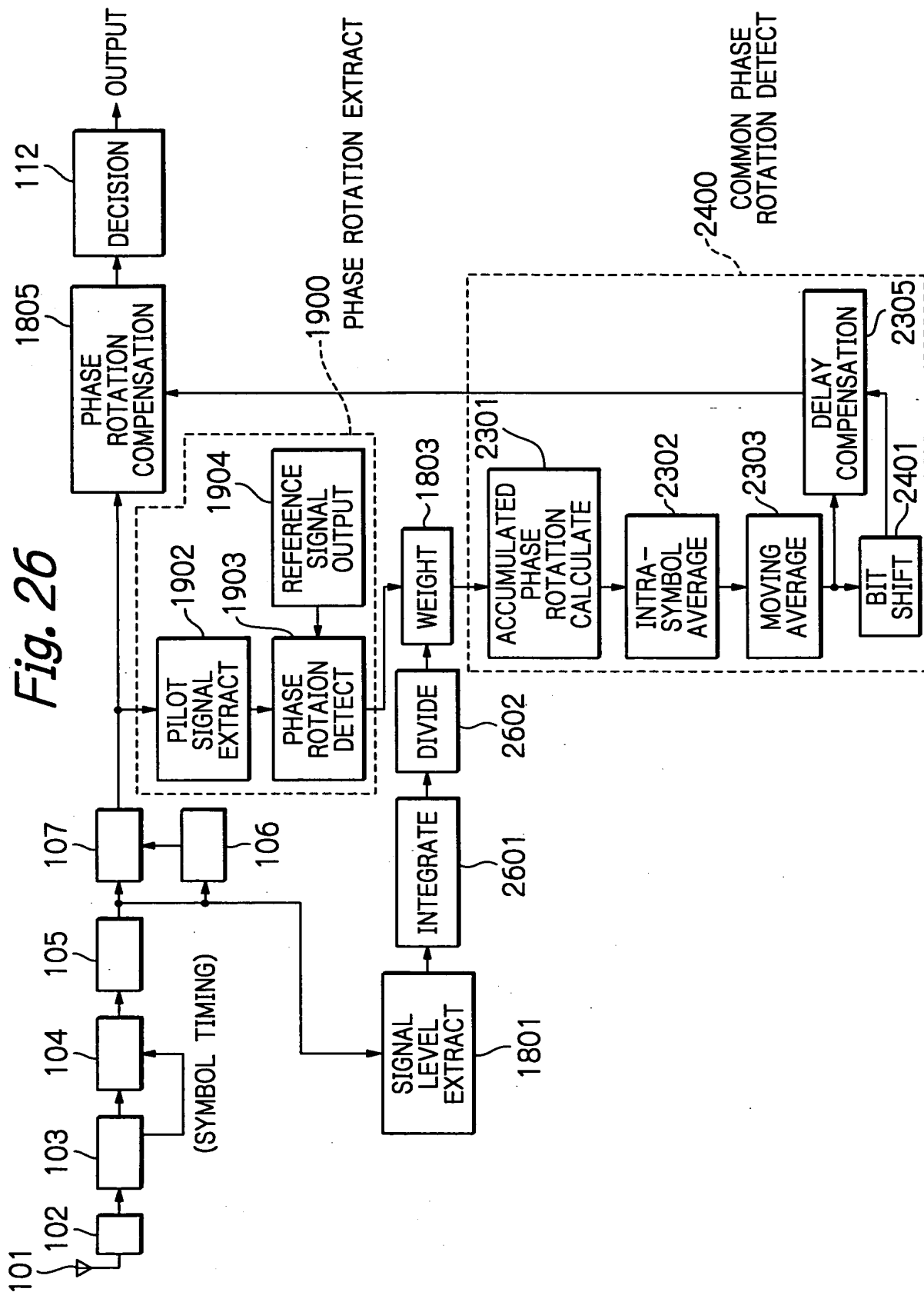


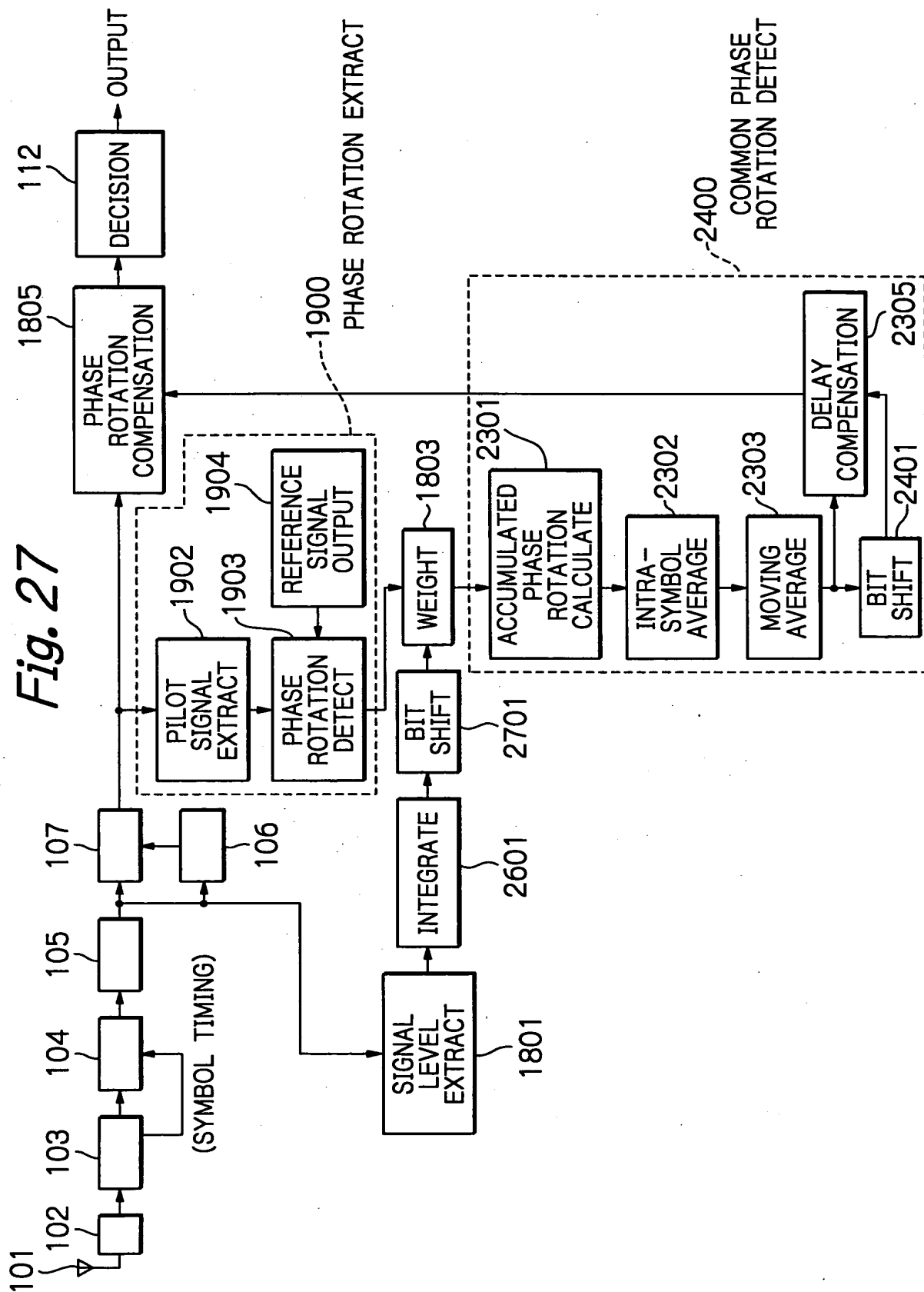




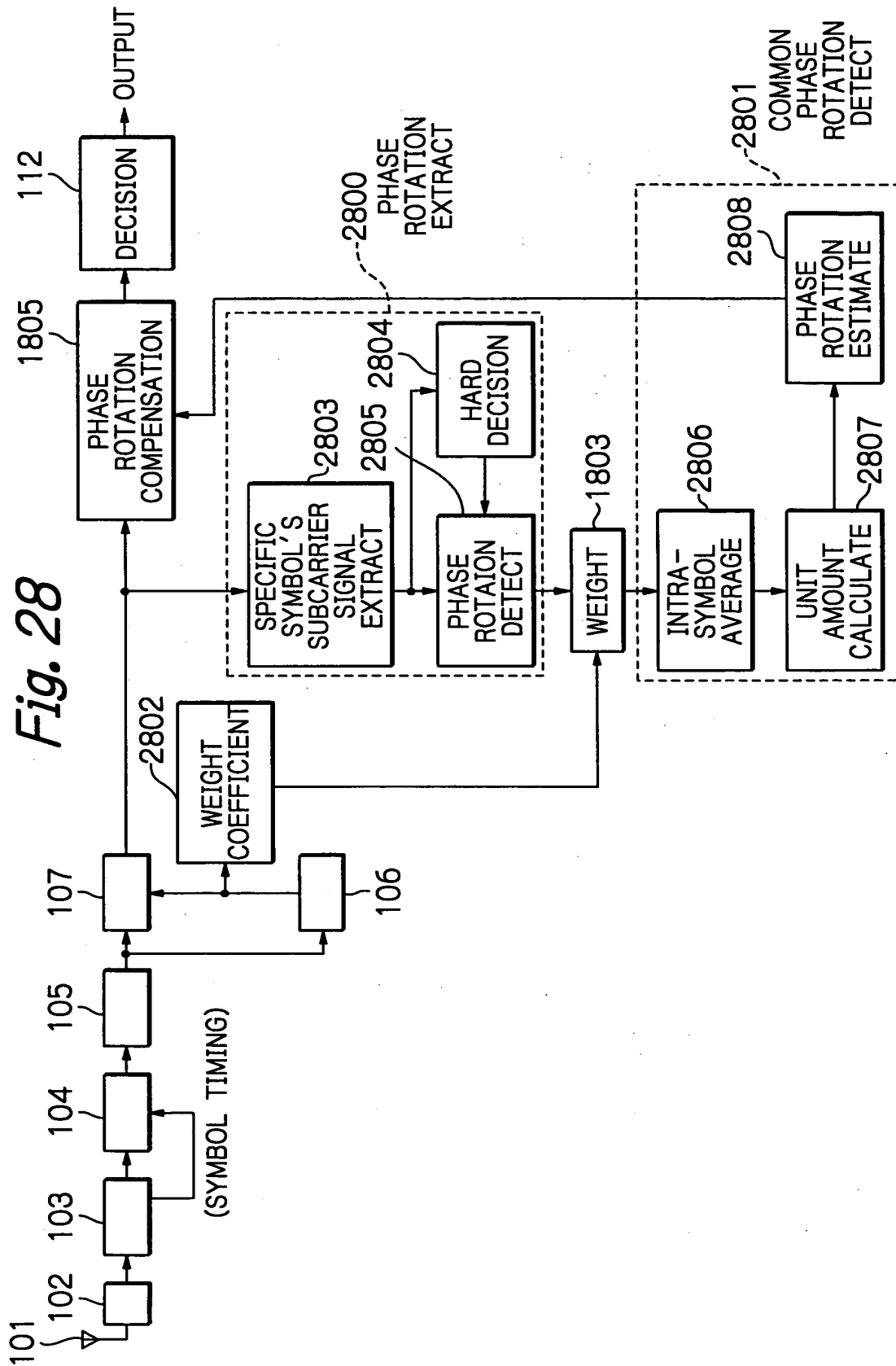


Patent 200208260





29/48



70-1618

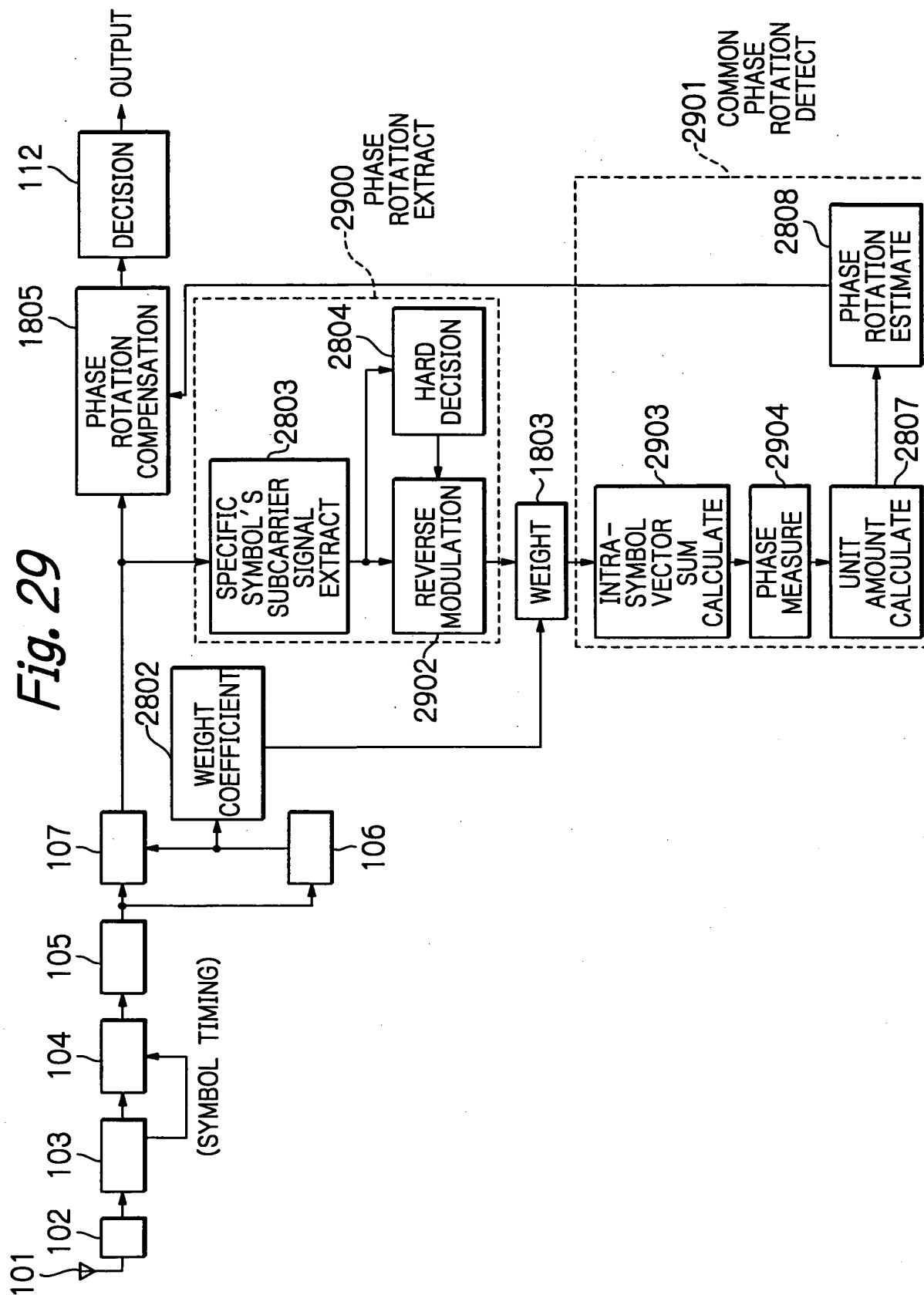


Fig. 30

101

102 103 104 105 107

(SYMBOL TIMING)

1802 WEIGHT COEFFICIENT

1803 WEIGHT

1804

3001 SIGN REVERSE

2804 HARD DECISION

1805 PHASE ROTATION COMPENSATION

112 DECISION

OUTPUT

3000 PHASE ROTATION EXTRACT

2803 SPECIFIC SYMBOL'S SUBCARRIER SIGNAL EXTRACT

2901 COMMON PHASE ROTATION DETECT

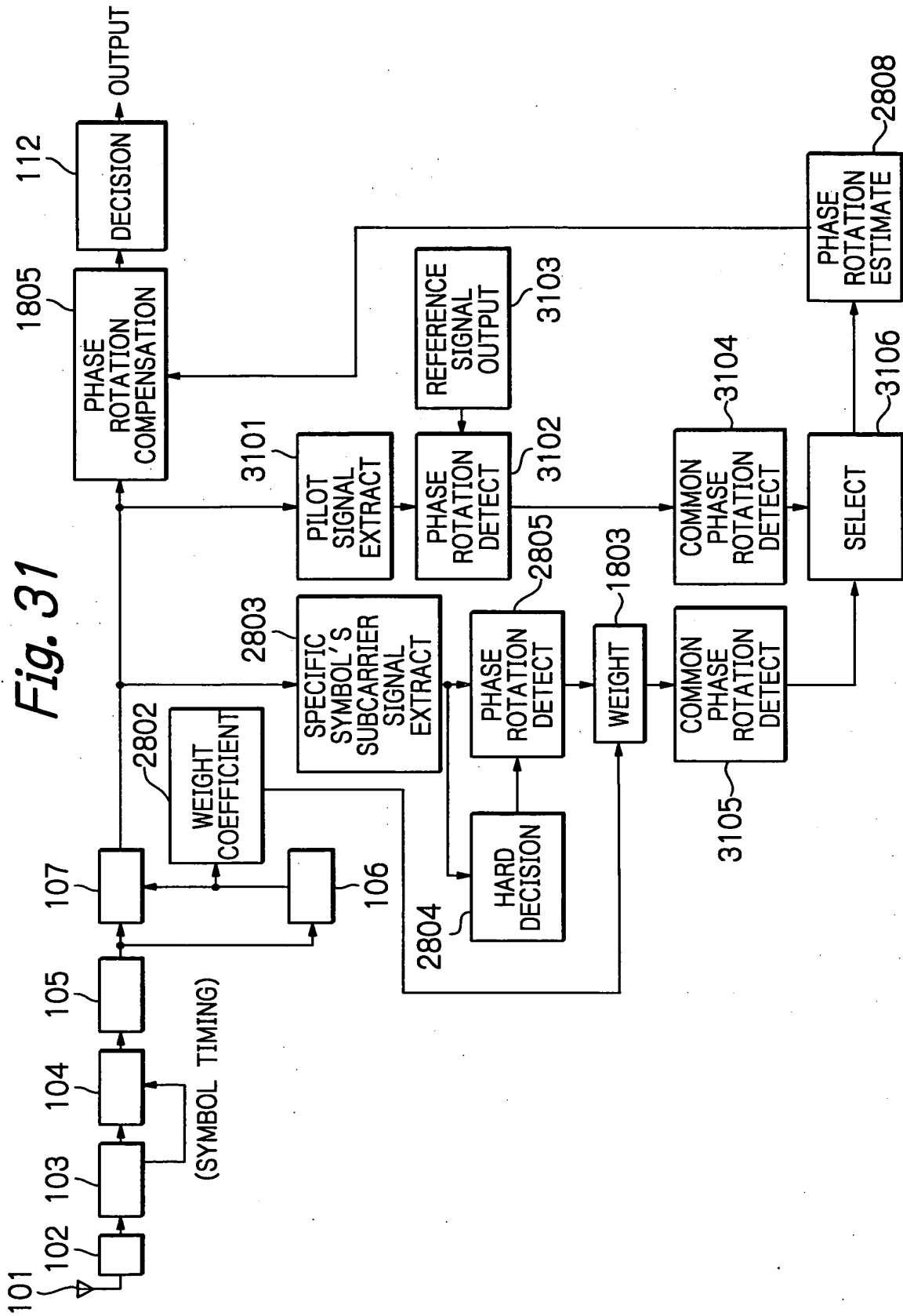
2903 INTRA-SYMBOL VECTOR SUM CALCULATE

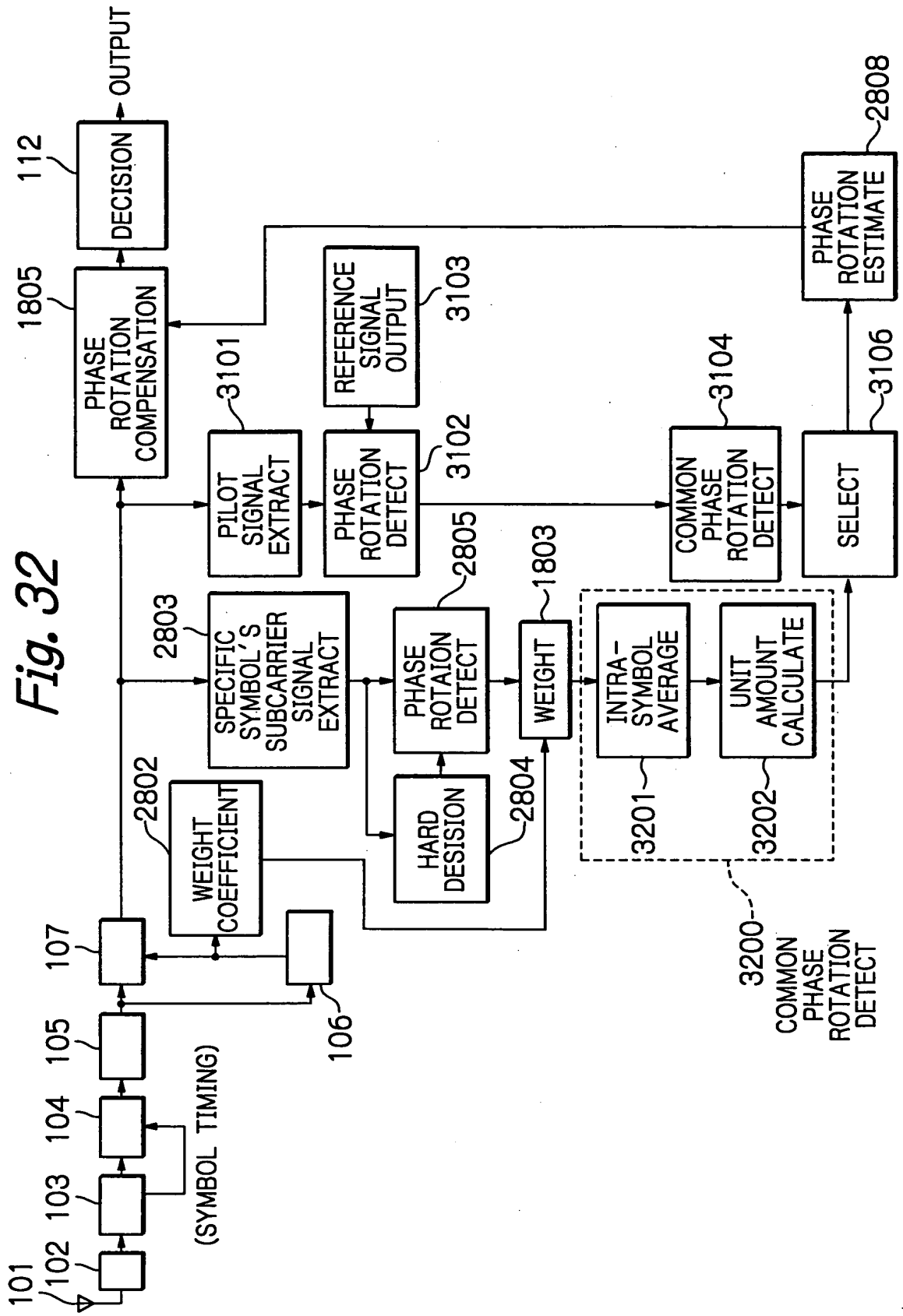
2904 PHASE DETECT

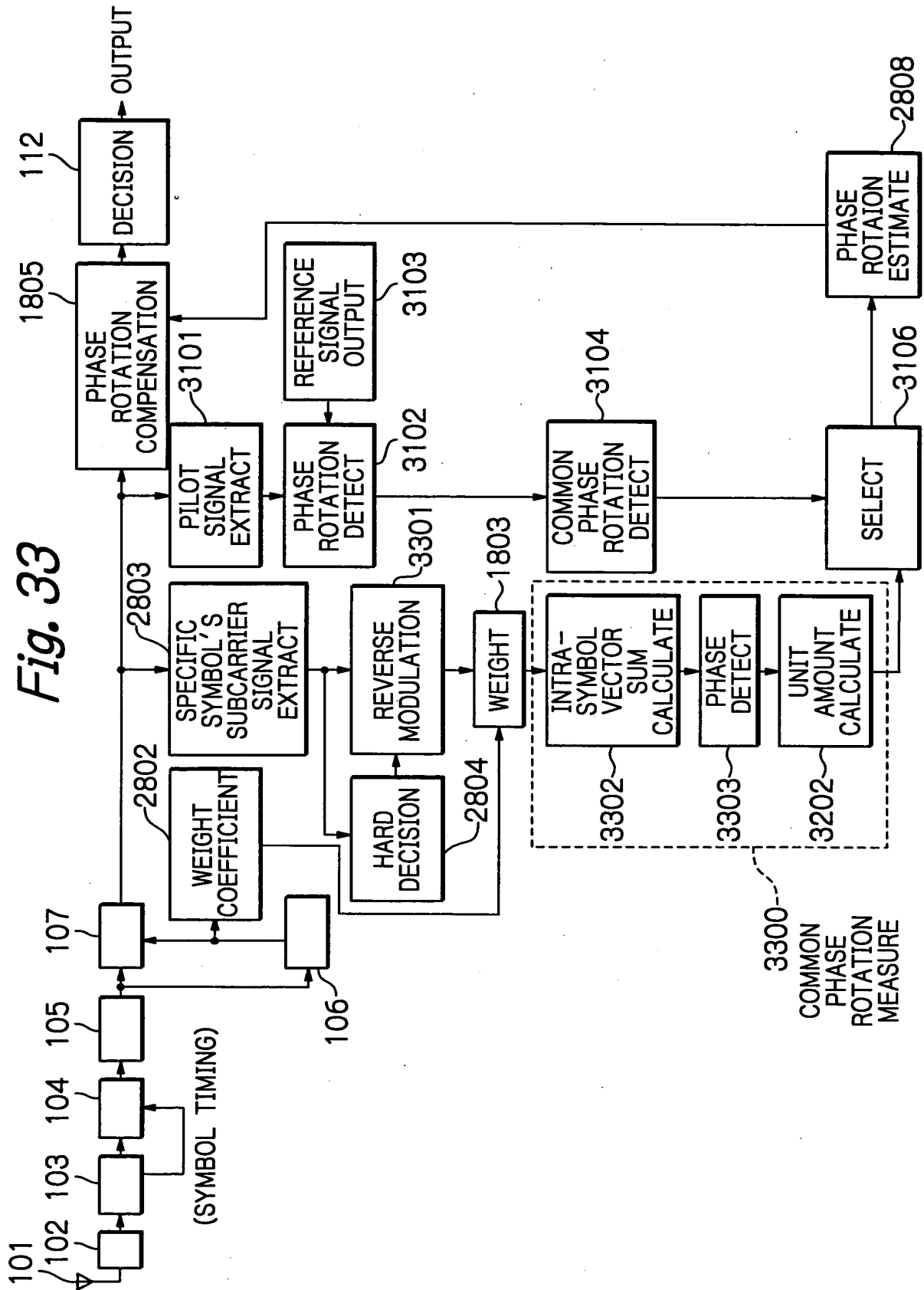
2807 UNIT AMOUNT CALCULATE

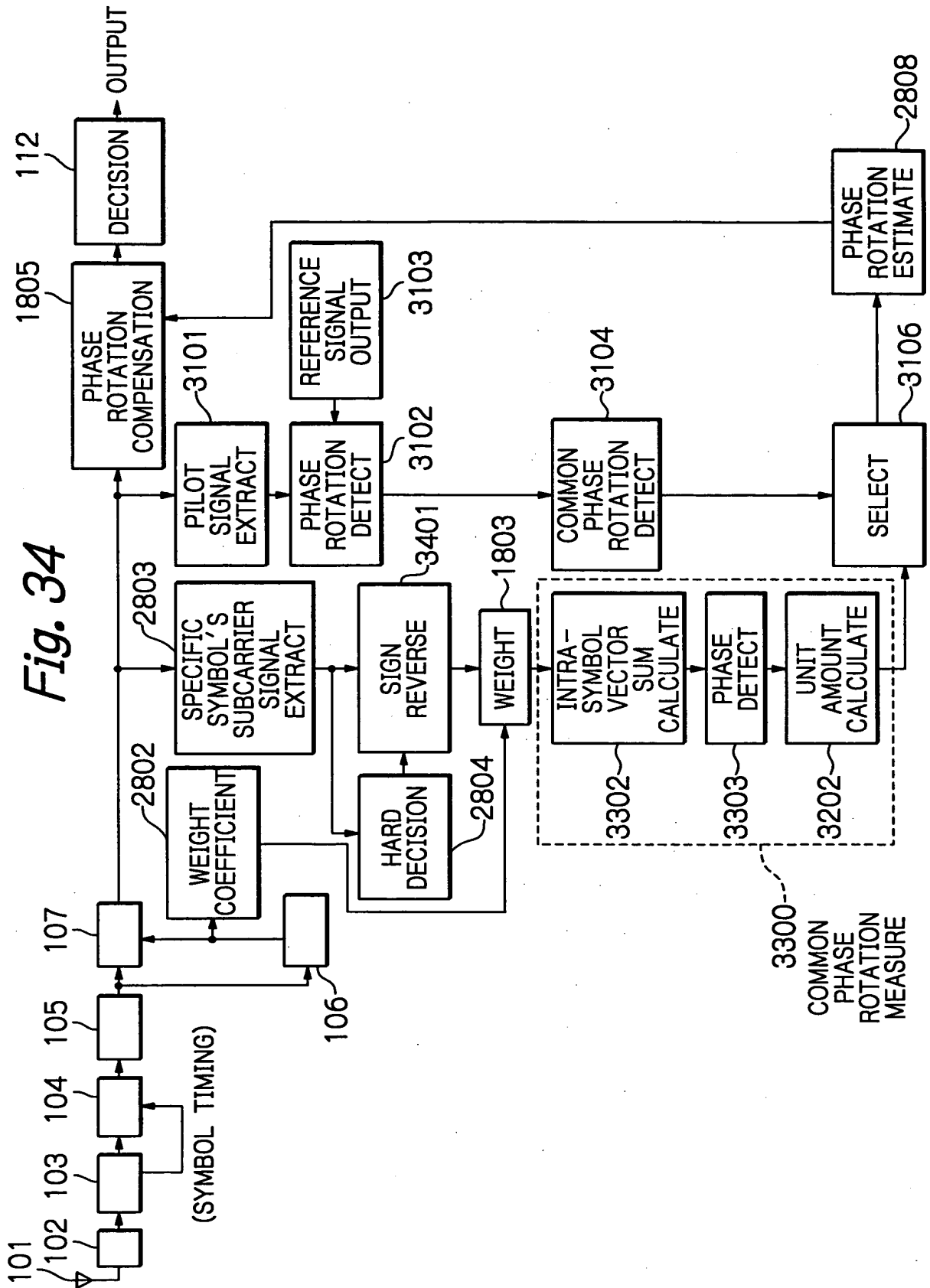
2801 PHASE ROTATION ESTIMATE

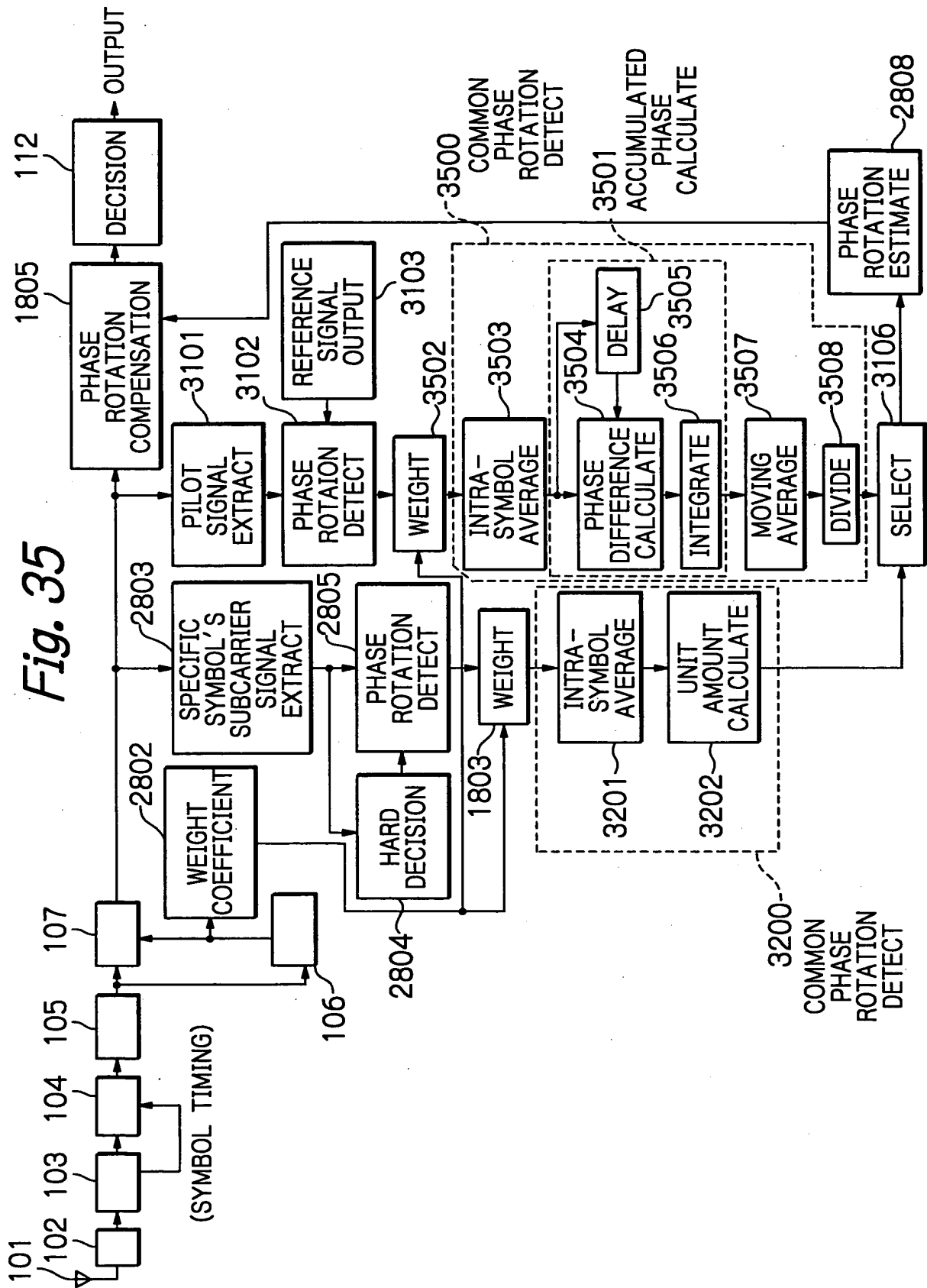
Fig. 30



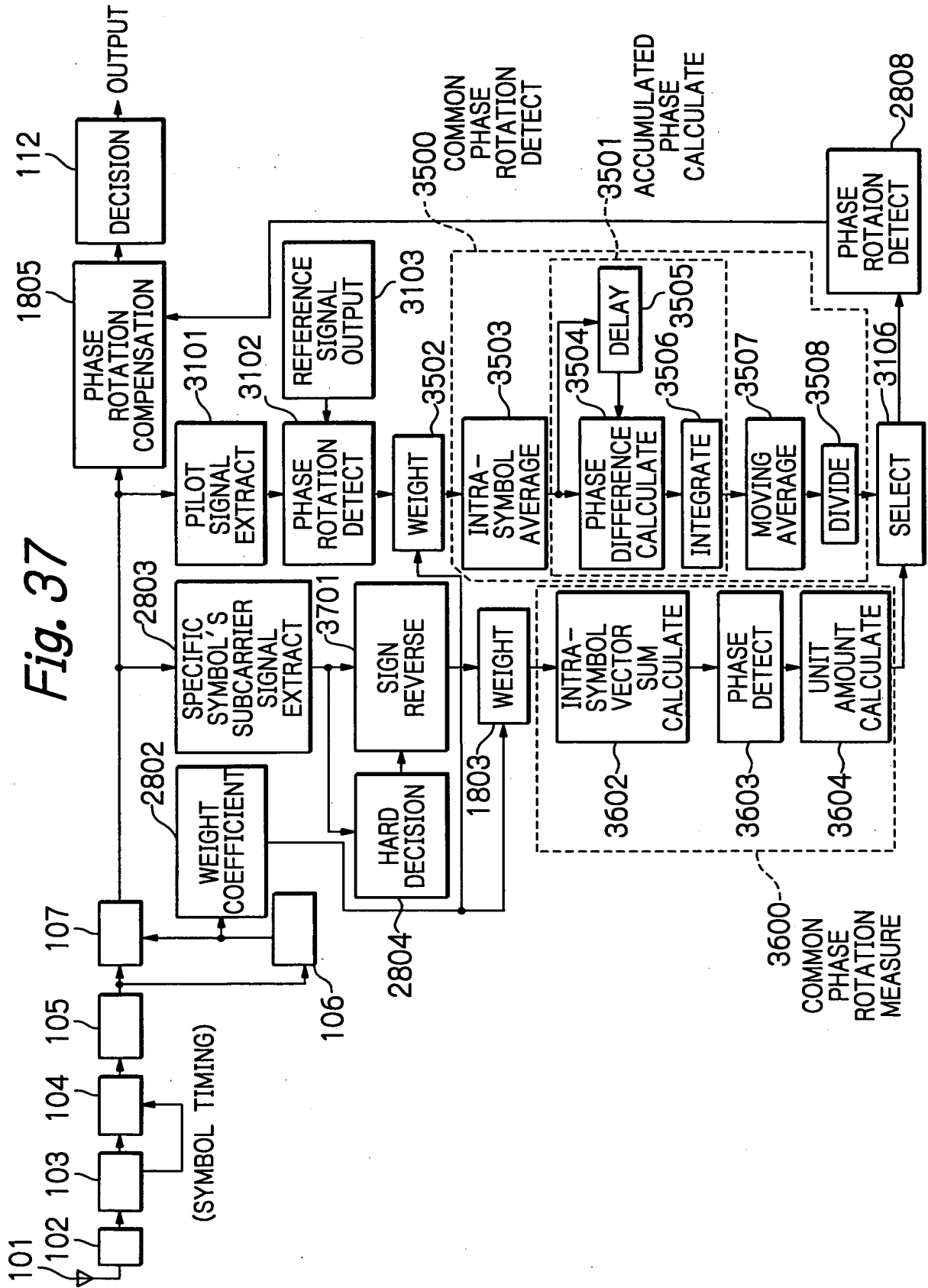


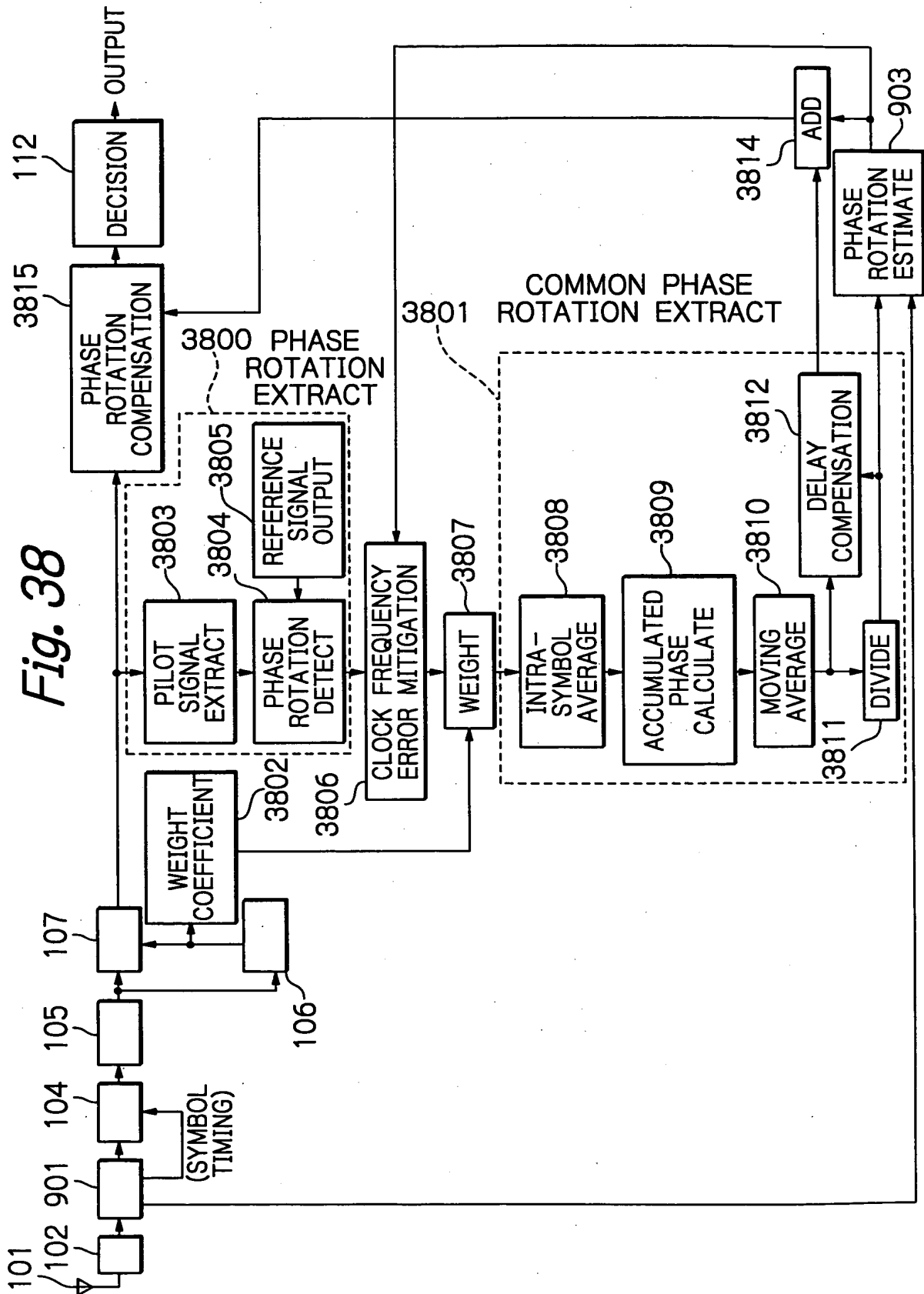




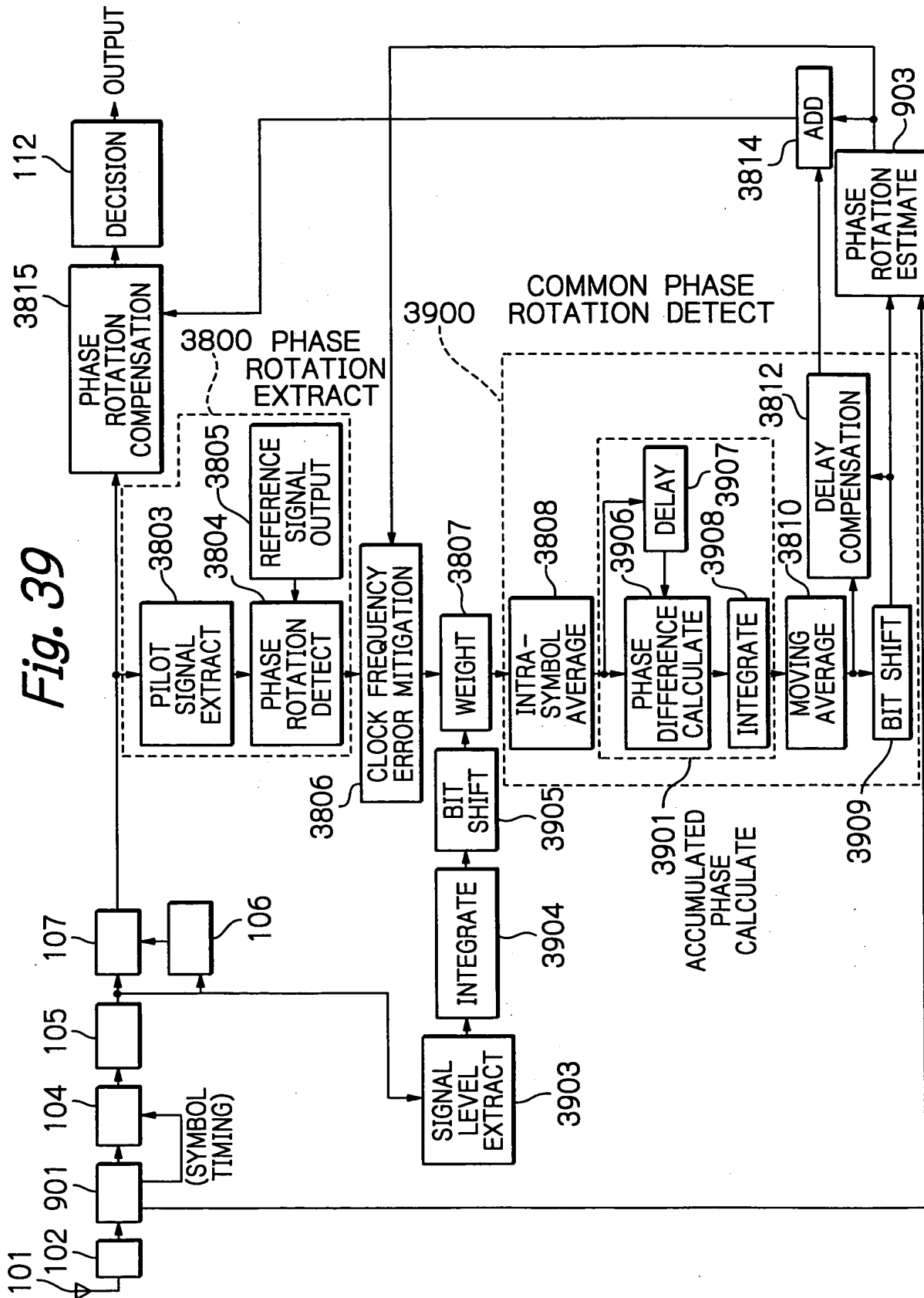


[illegible][illegible]





RECEIVED



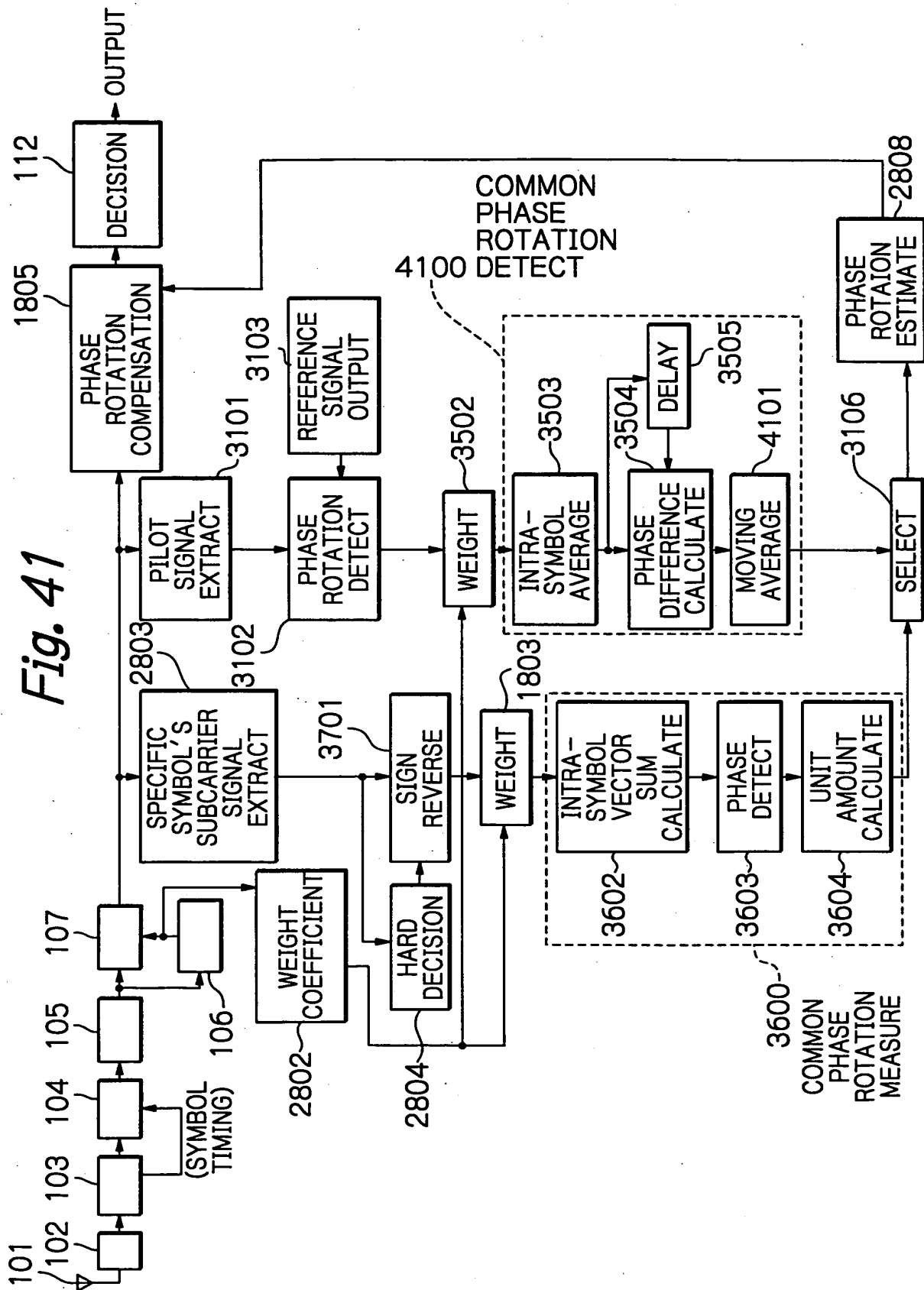


Fig. 42

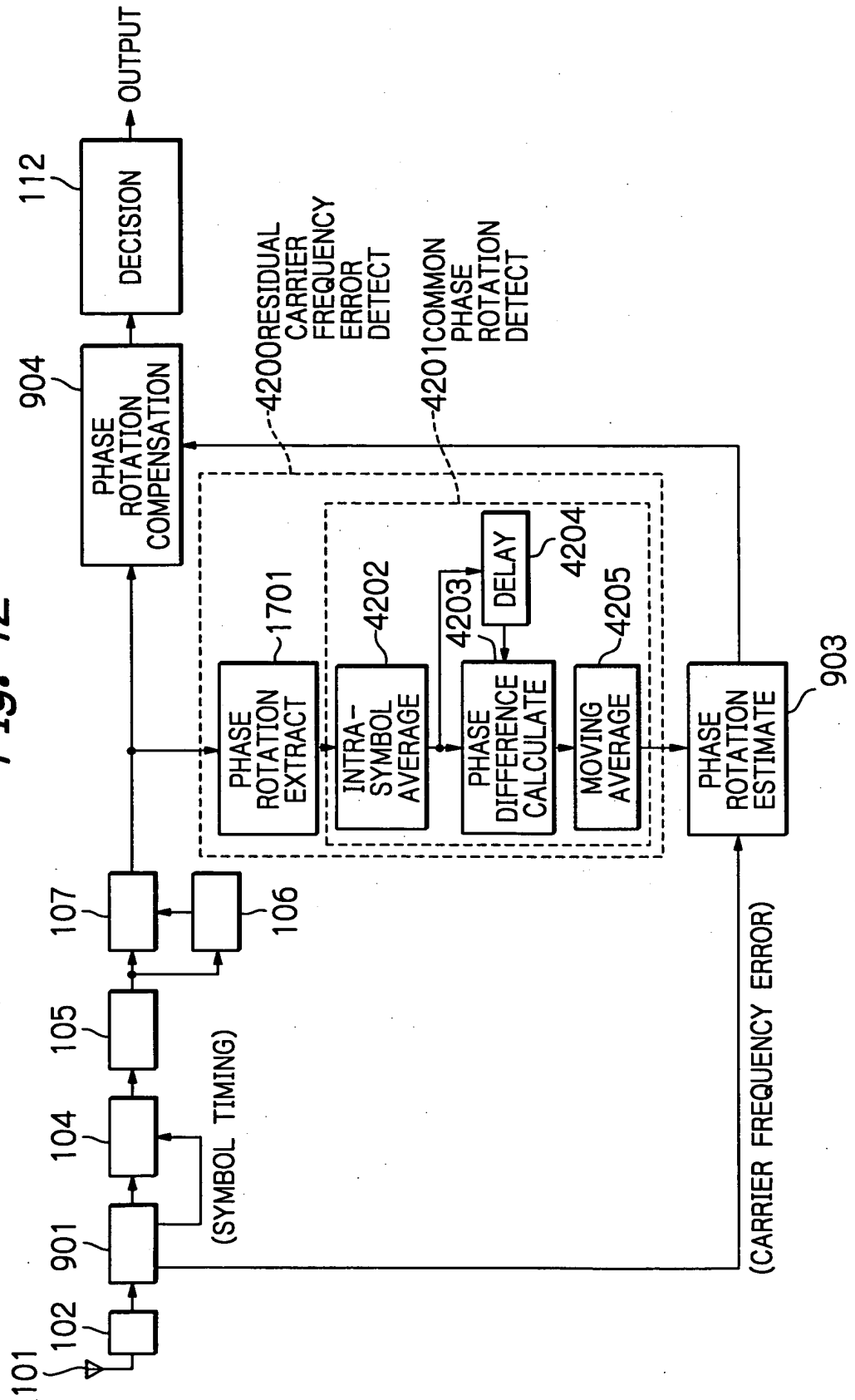


Fig. 43A PRIOR ART

FIG. 43
FIG. 43A FIG. 43B

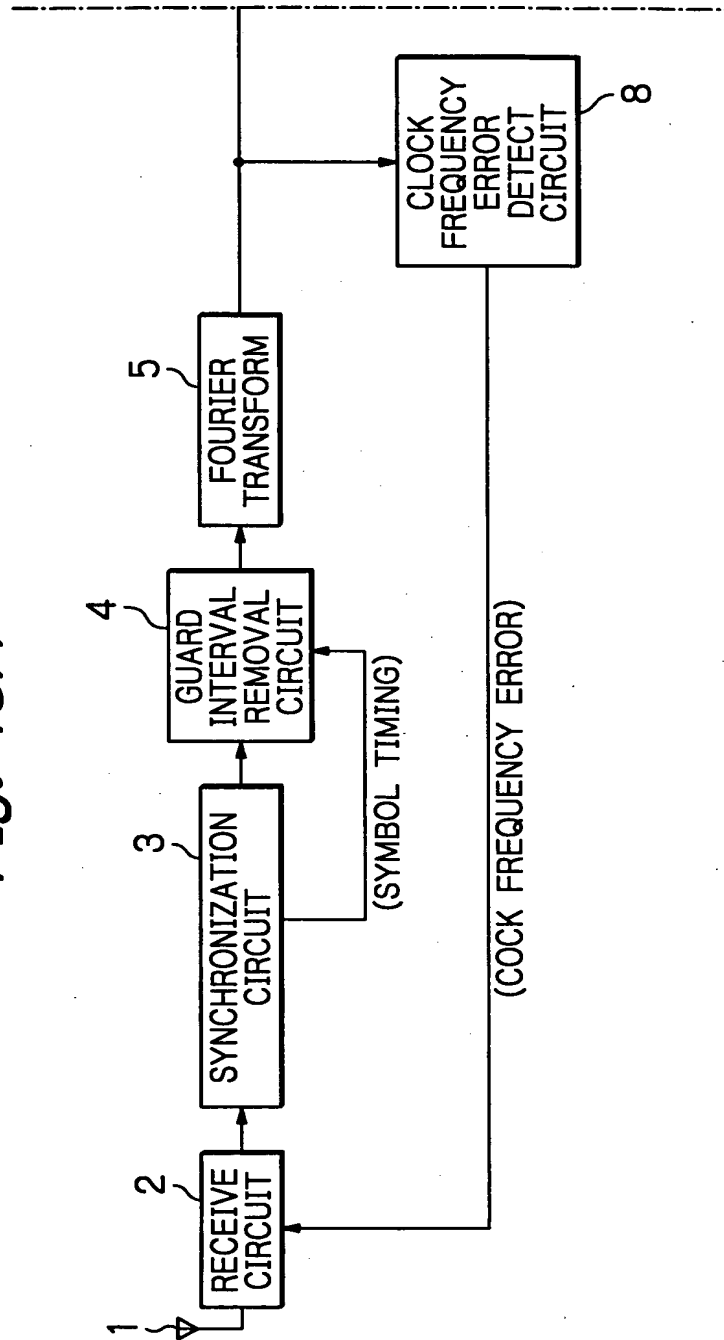
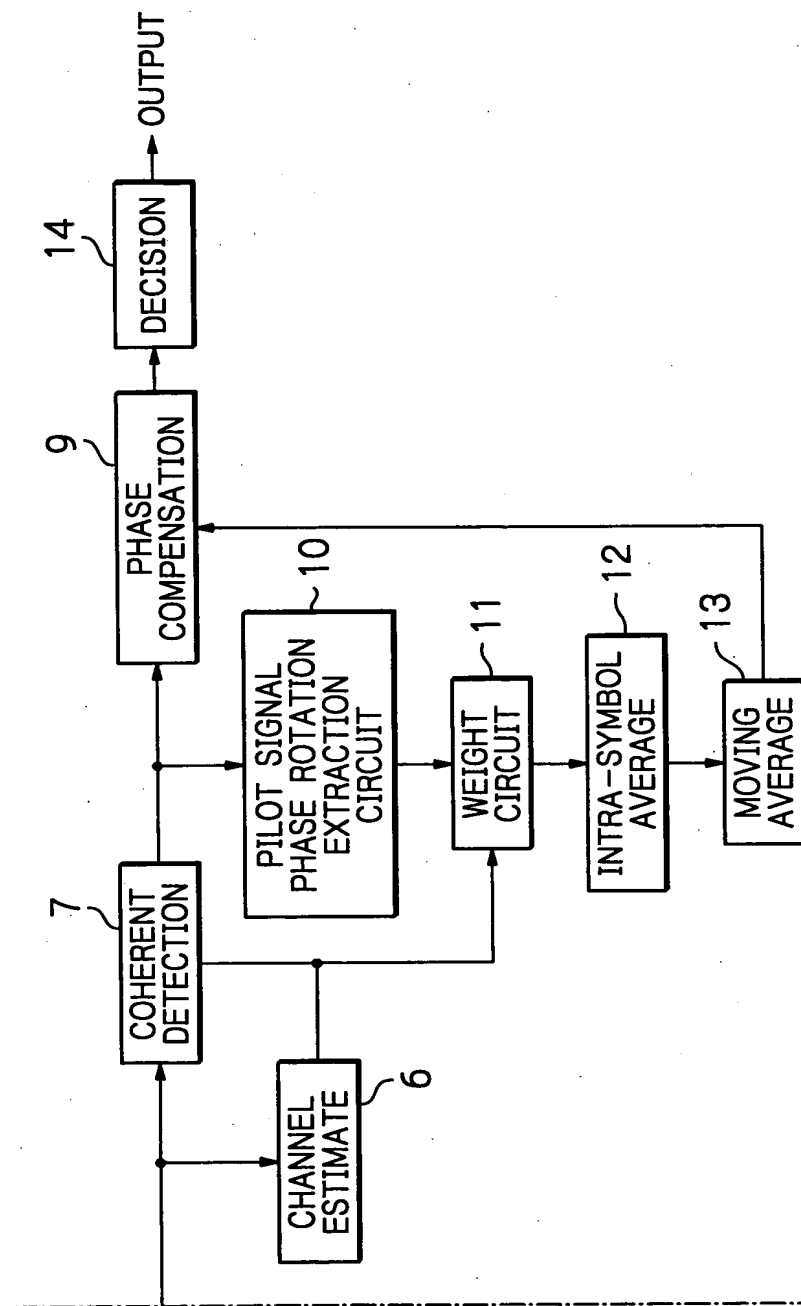


Fig. 43B PRIOR ART



09/787927

46/
48

09/787927

Fig. 44

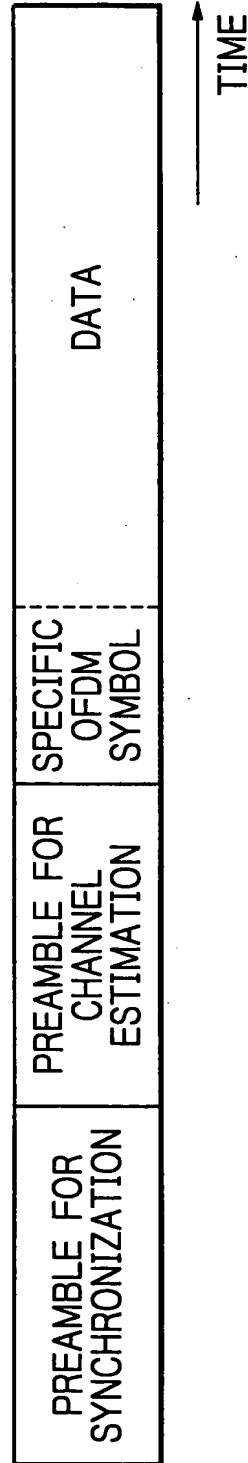
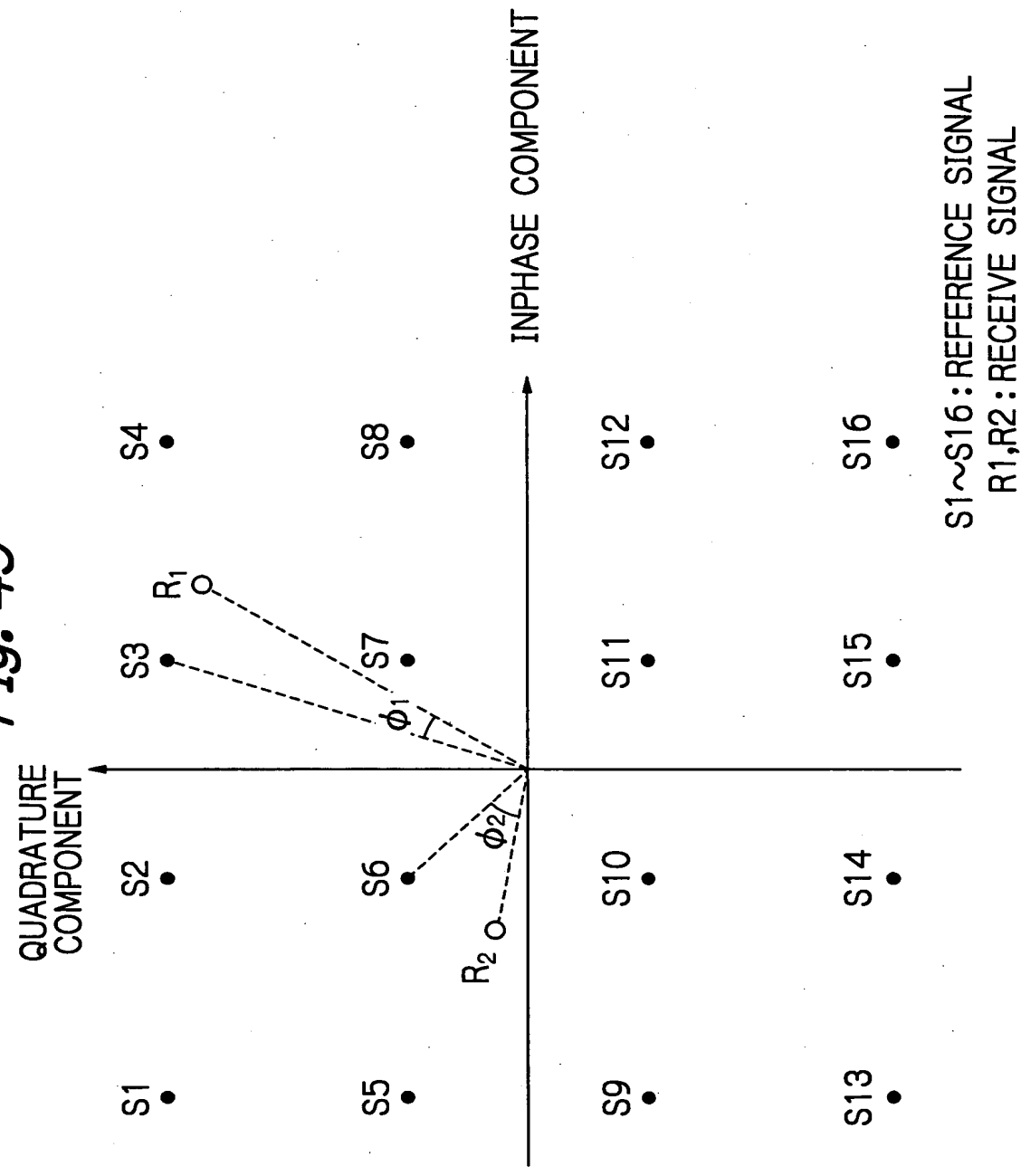


Fig. 45



S1~S16: REFERENCE SIGNAL
R1,R2: RECEIVE SIGNAL

FOUO 22028200

Fig. 46

